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#J-

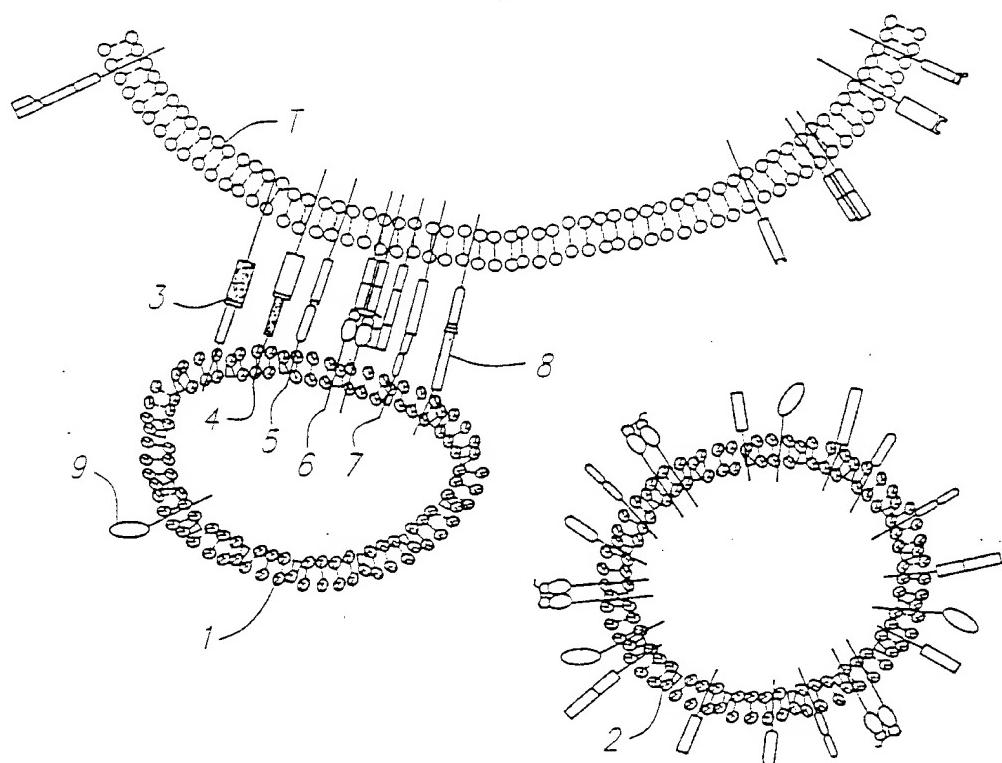


FIG. 1

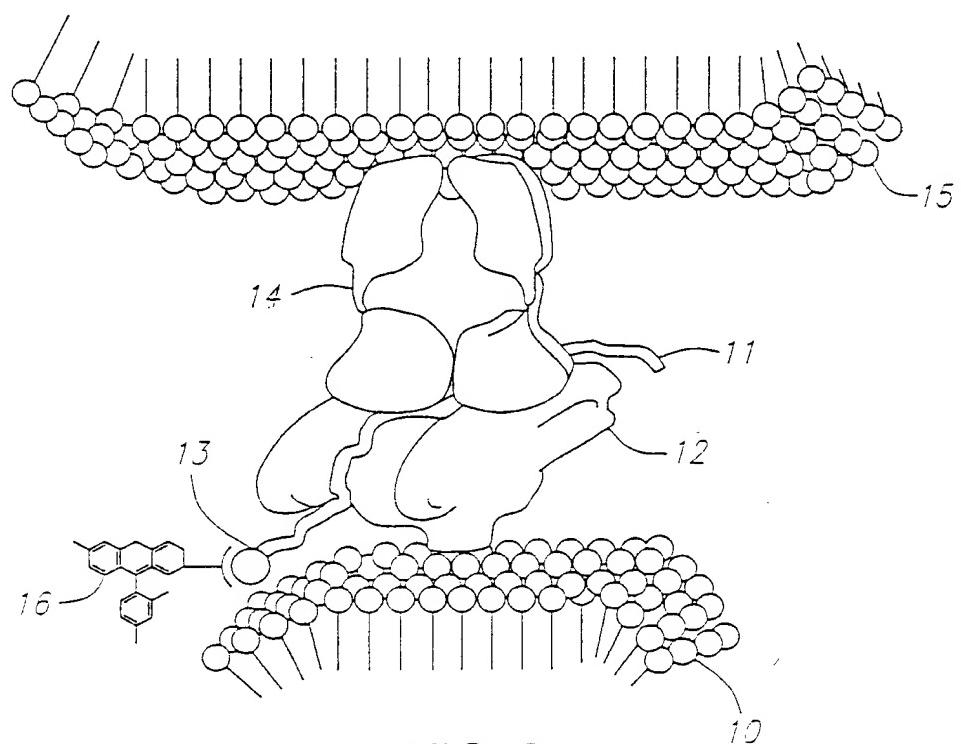


FIG. 2

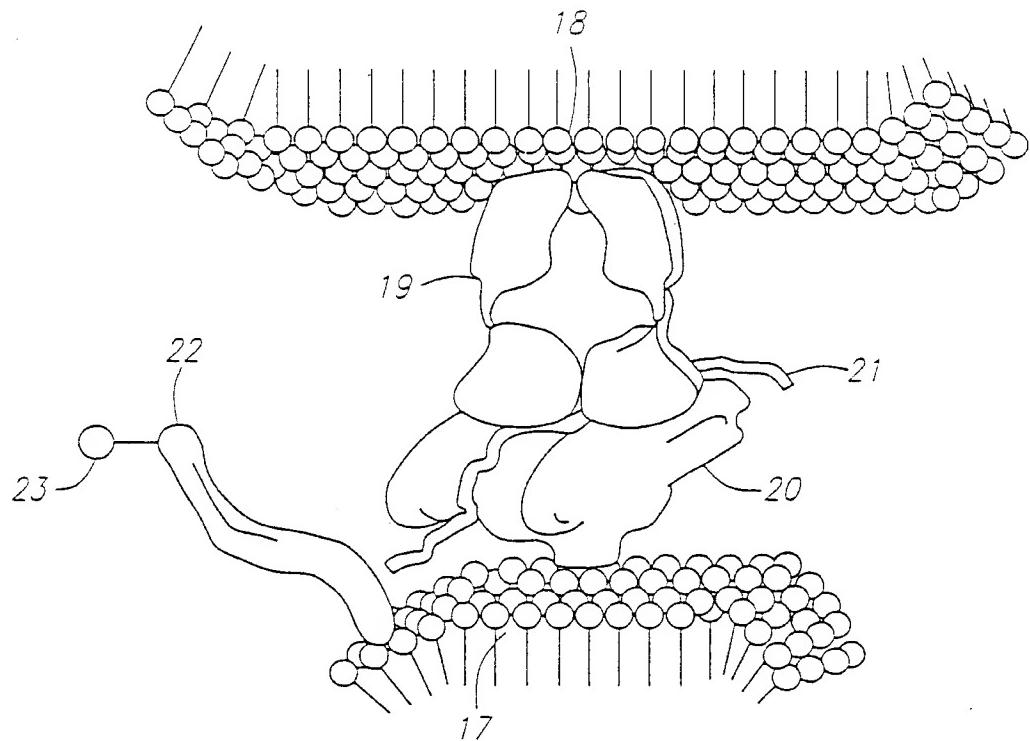


FIG. 3

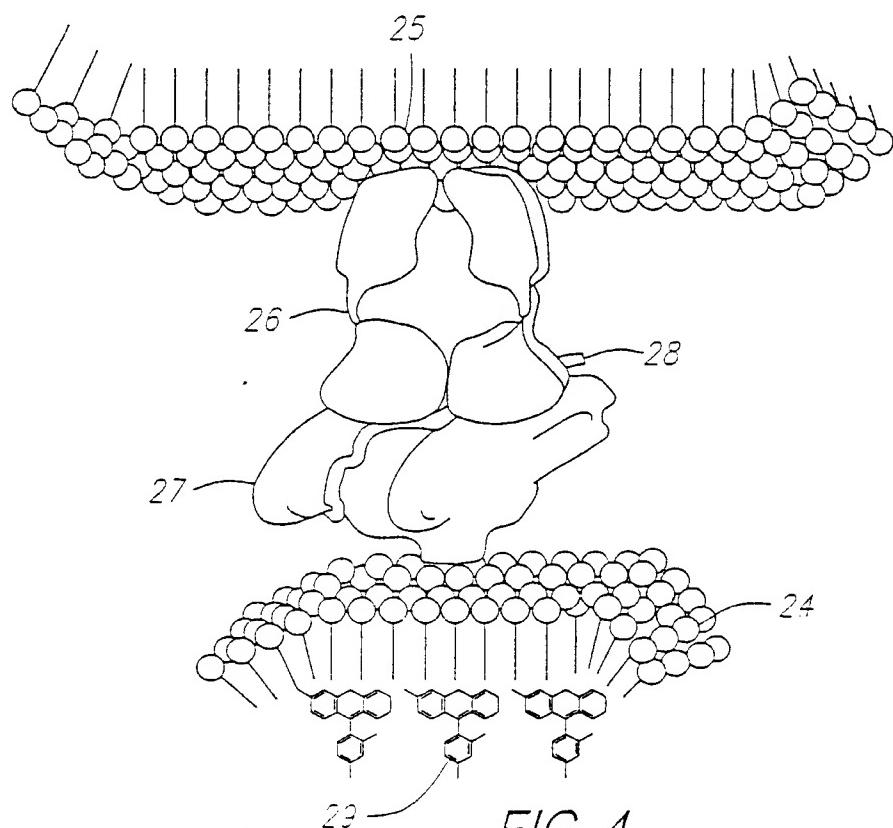


FIG. 4

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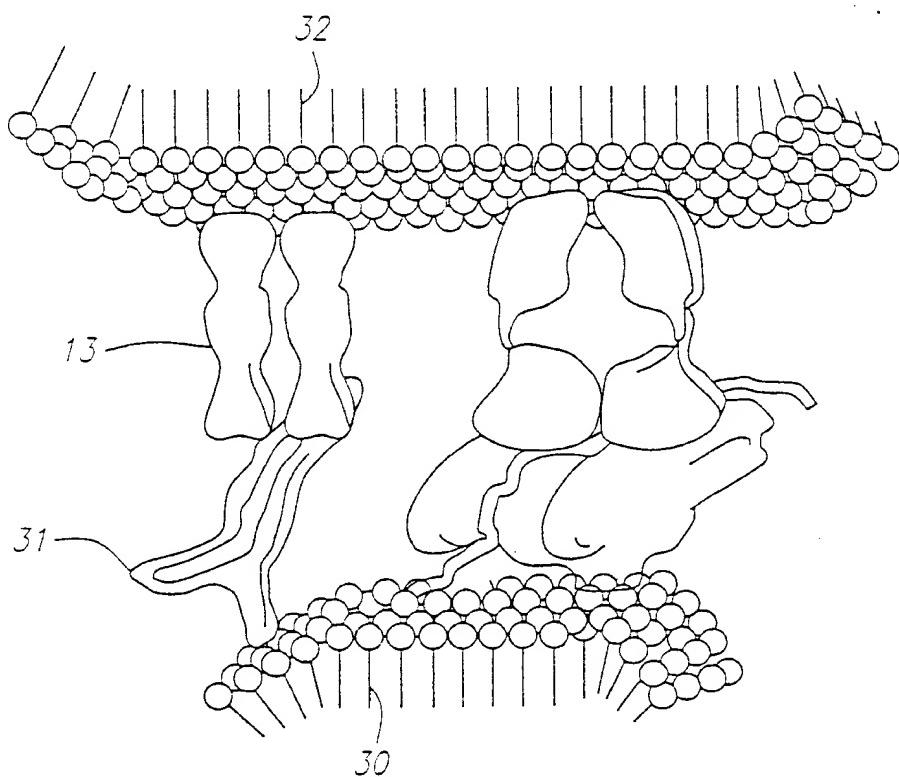


FIG. 5

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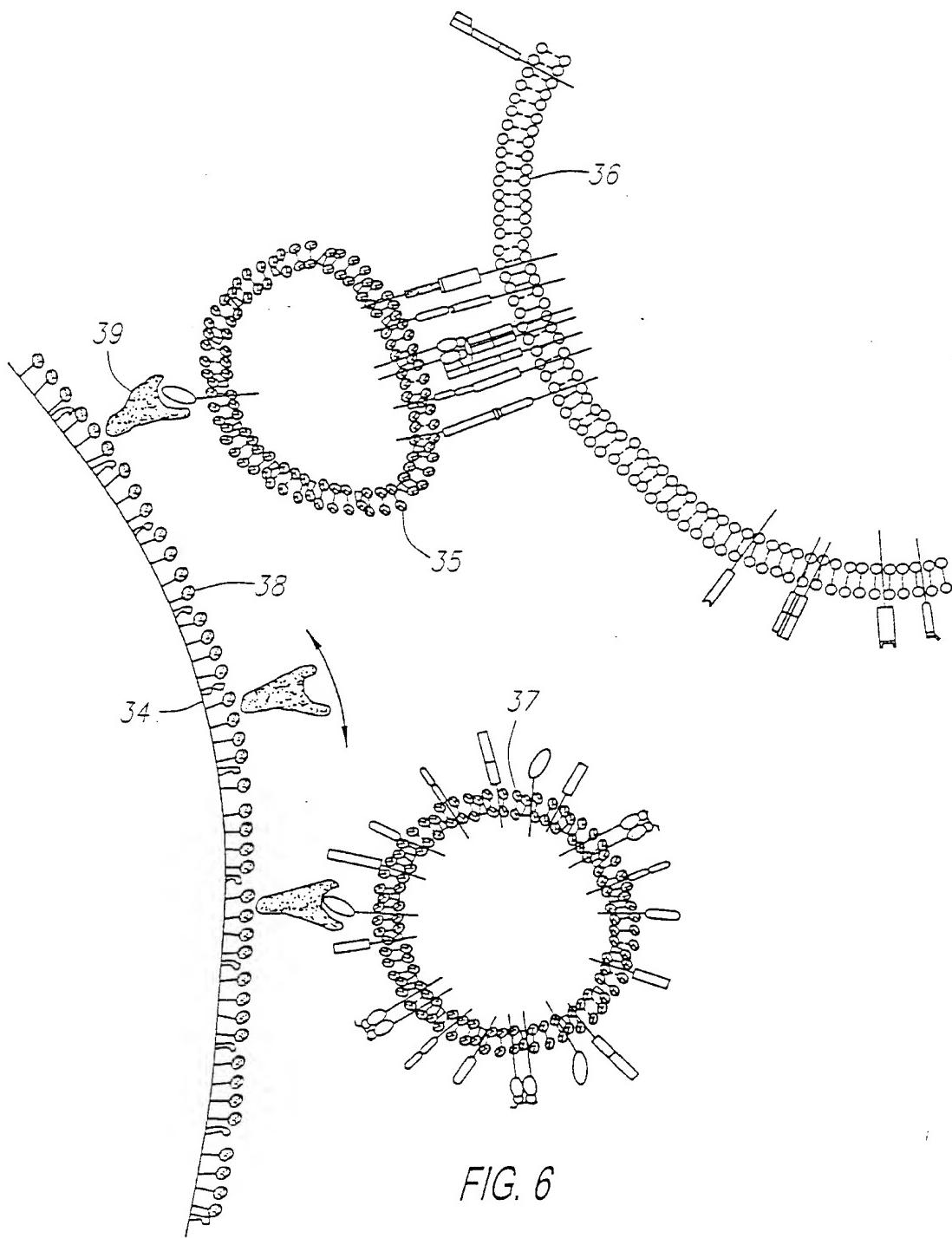


FIG. 6

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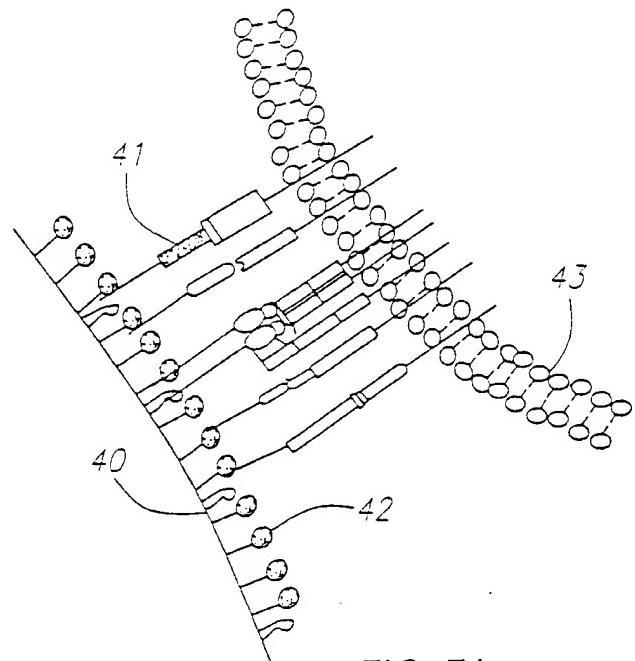


FIG. 7A

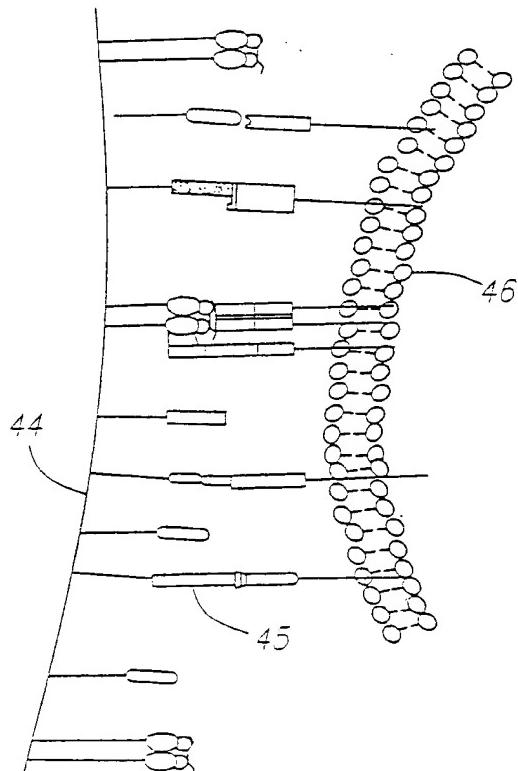


FIG. 7B

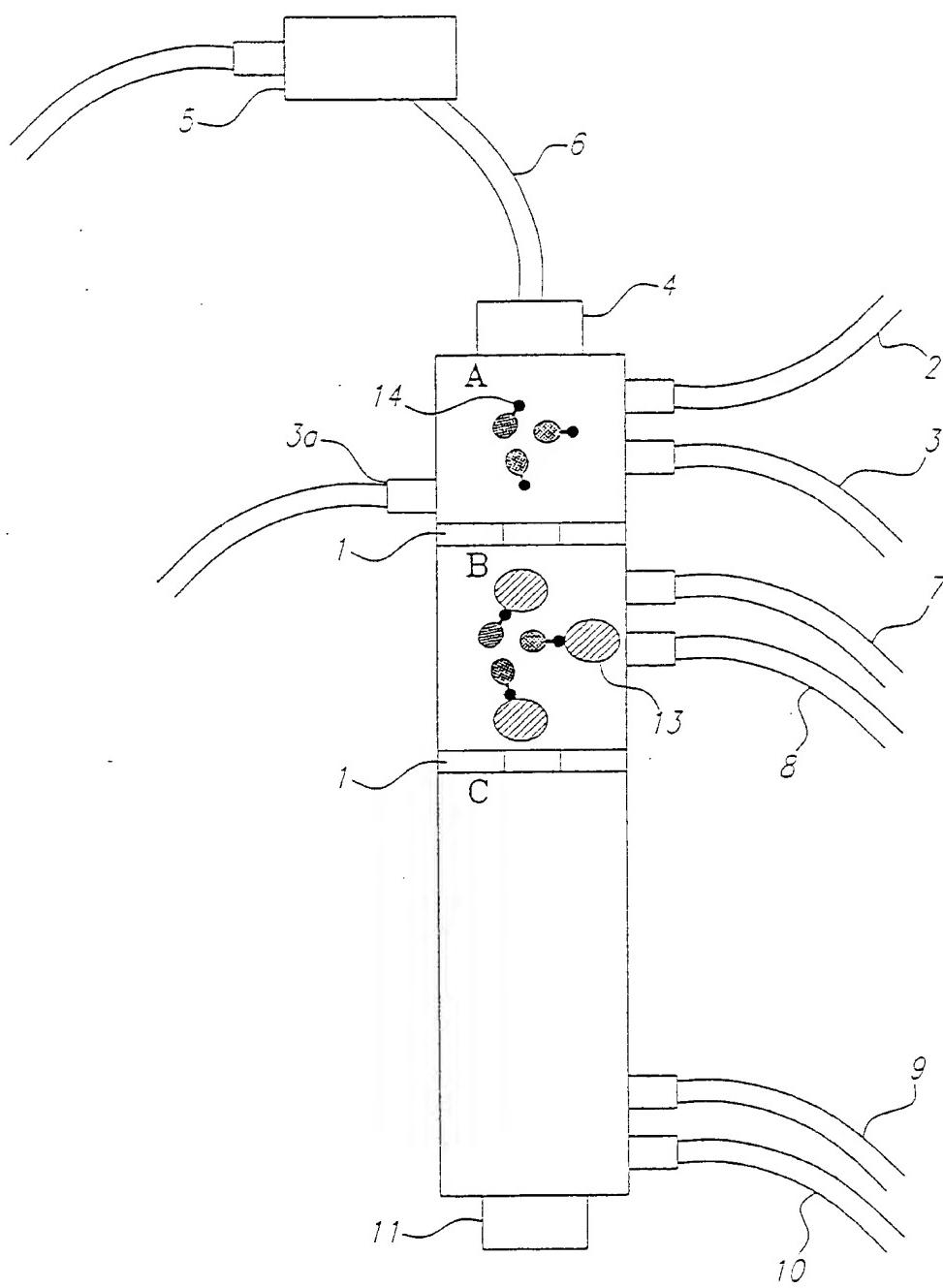


FIG. 8

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AG111.207 T-T HYBRIDOMA  
I-A<sup>s</sup>/OVA<sup>323-336</sup> SPECIFIC

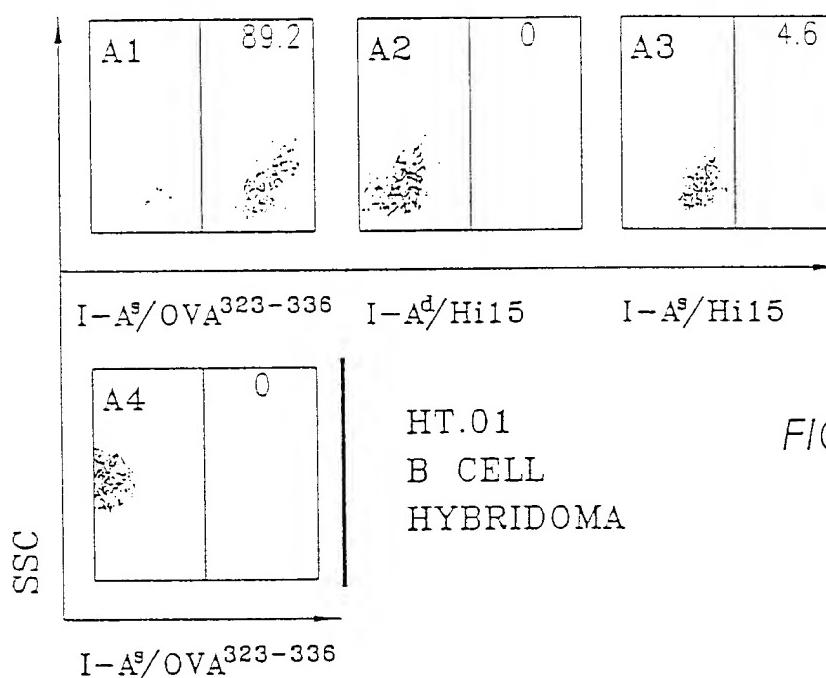


FIG. 9A

8D051.15 T-T HYBRIDOMA  
I-A<sup>d</sup>/OVA<sup>323-336</sup> SPECIFIC

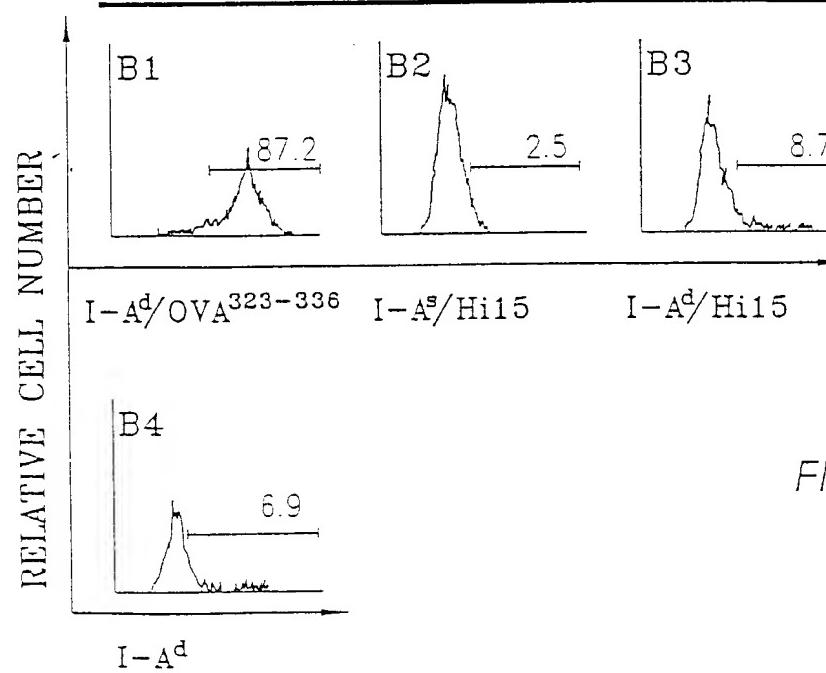


FIG. 9B

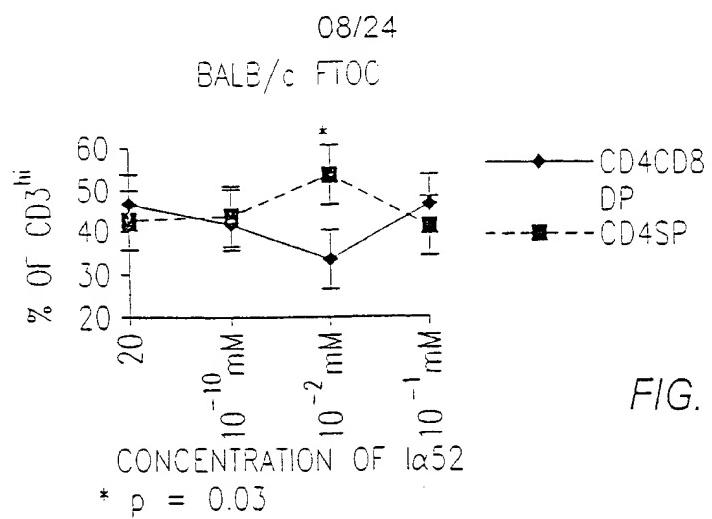


FIG. 10A

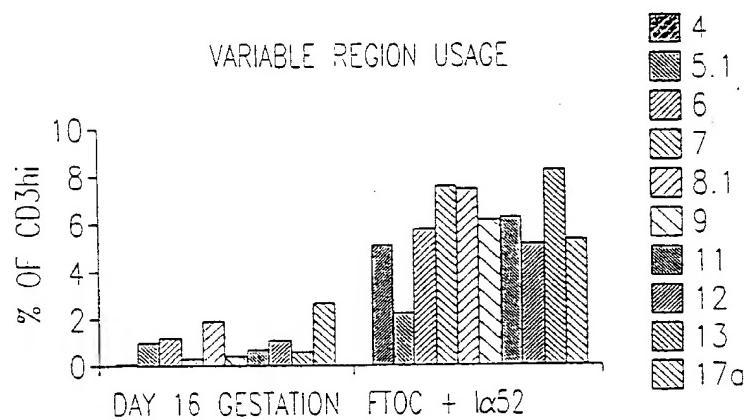


FIG. 10B

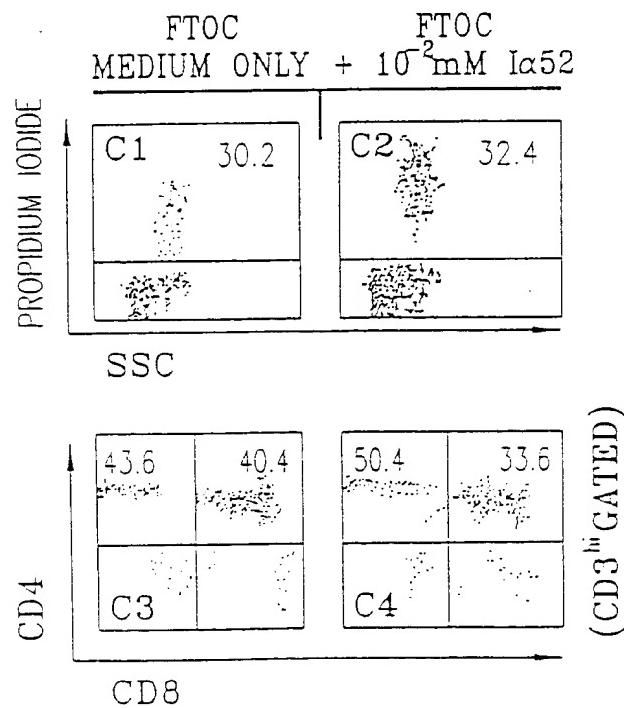


FIG. 10C

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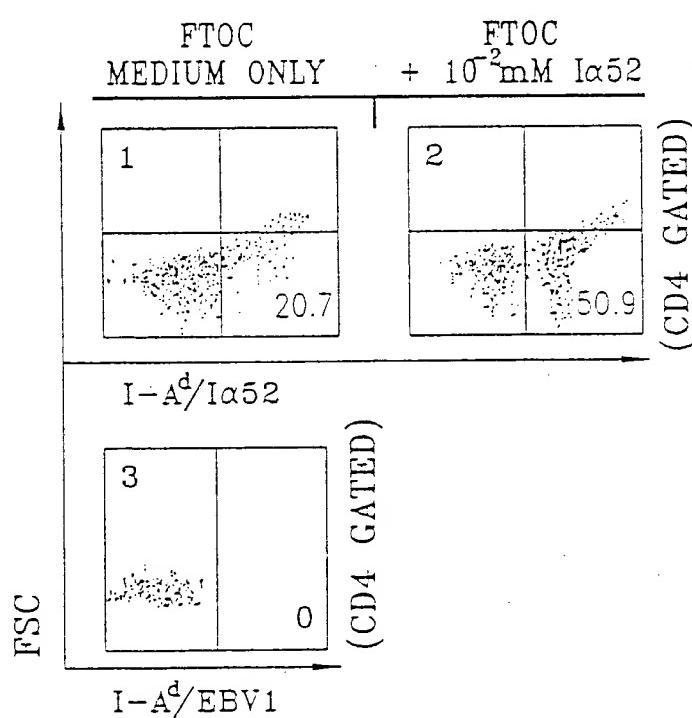
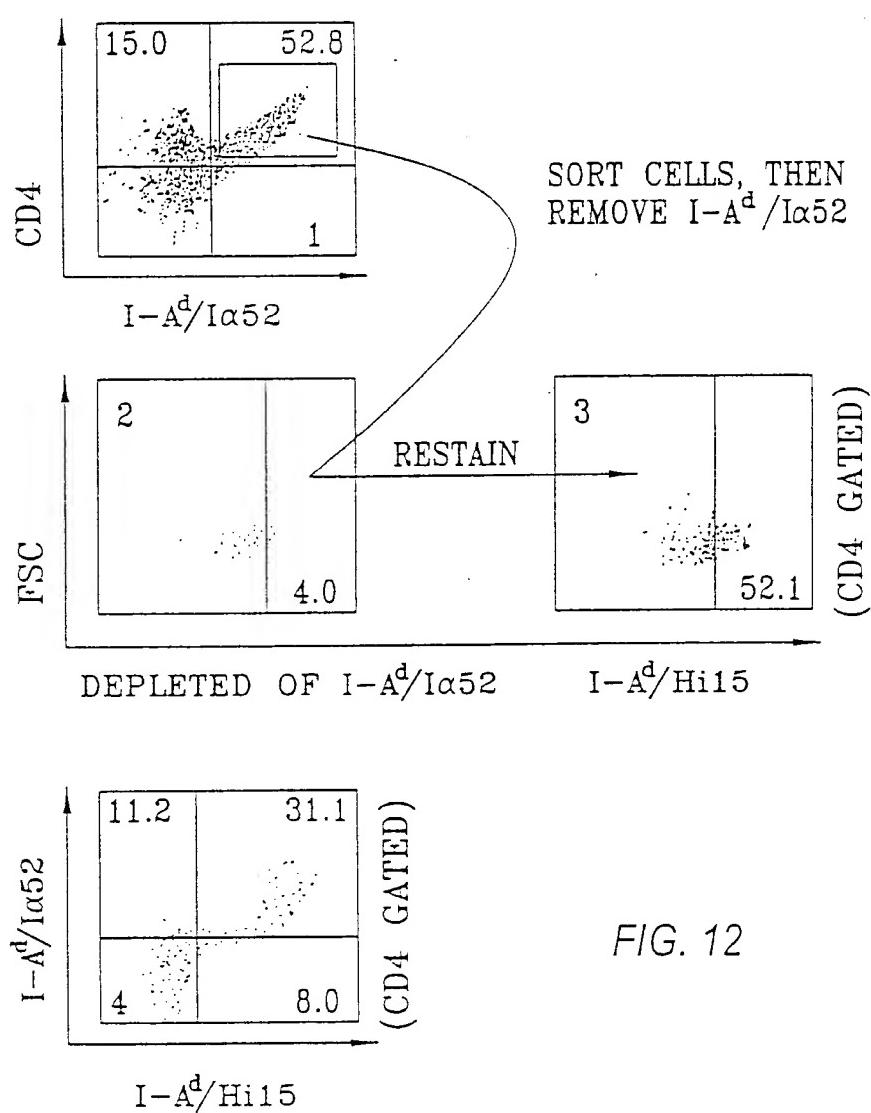


FIG. 11

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I $\alpha$ 52 SUPPLEMENTED FTOC  
Hi15 EXPANDED LINE



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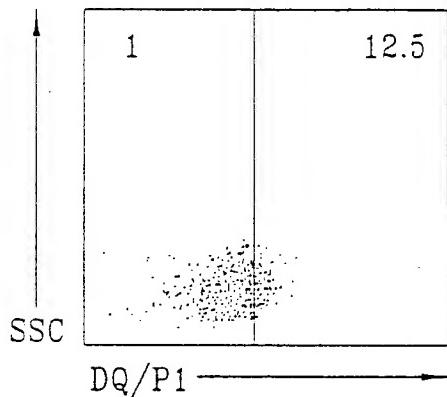


FIG. 13A

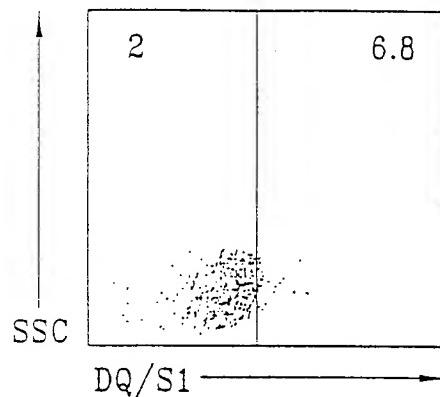


FIG. 13B

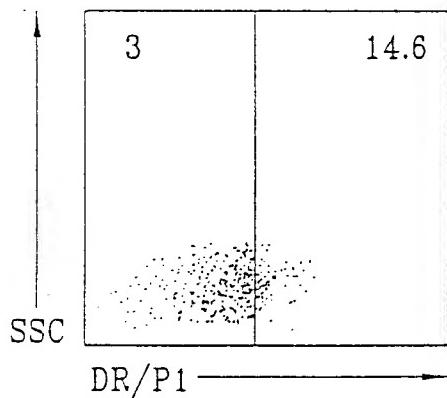


FIG. 13C

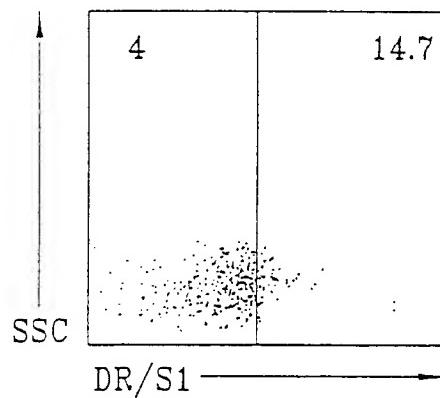


FIG. 13D

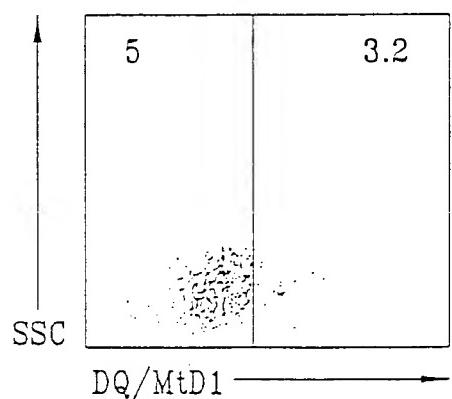
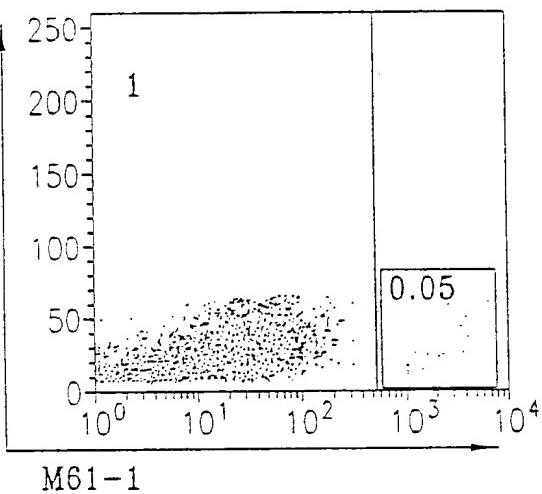


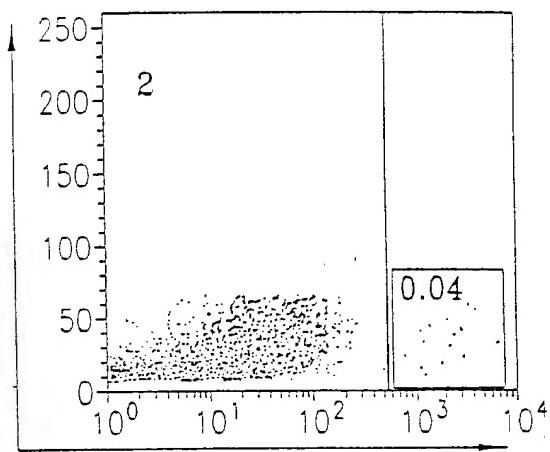
FIG. 13E

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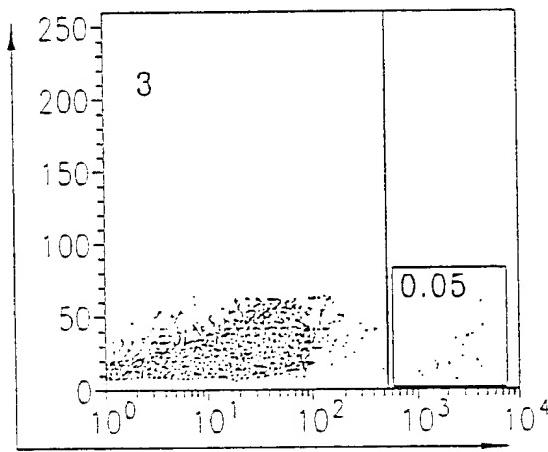
M61-1

FIG. 14A



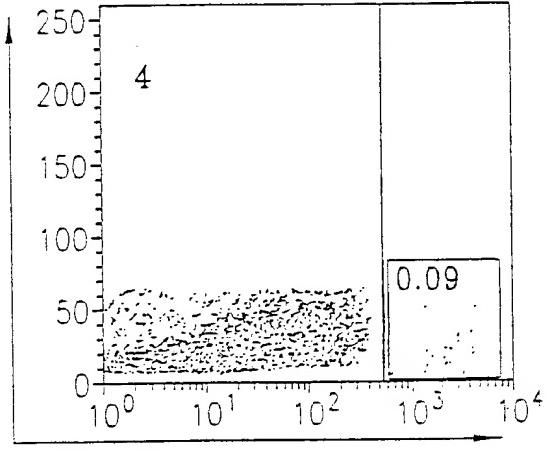
M61-1\*

FIG. 14B



M61-2

FIG. 14C



M61-2\*

FIG. 14D

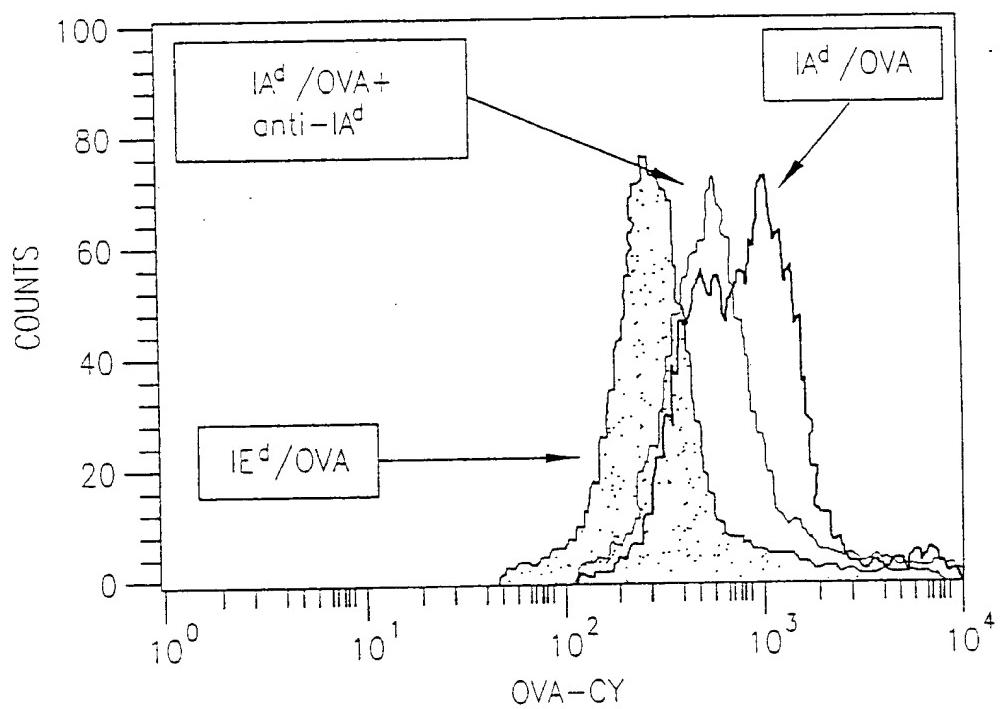


FIG. 15

09/25/93 in J.M. et al.

Fig 16A



Fig 16B

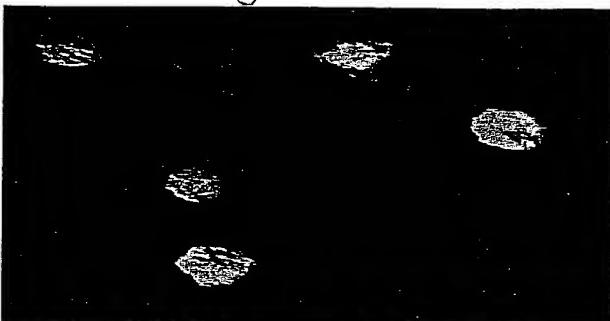


Fig 16C



Fig 16D

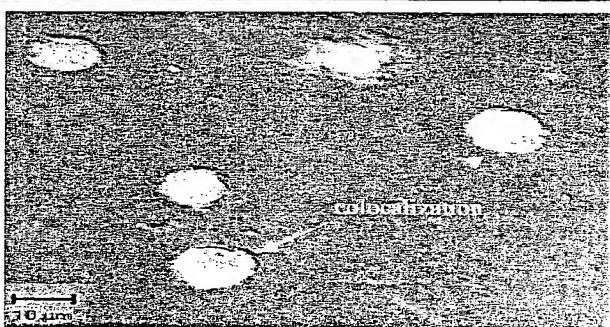


Fig 17A



Fig 17B



09356983 4.1.3.304

Fig 17C

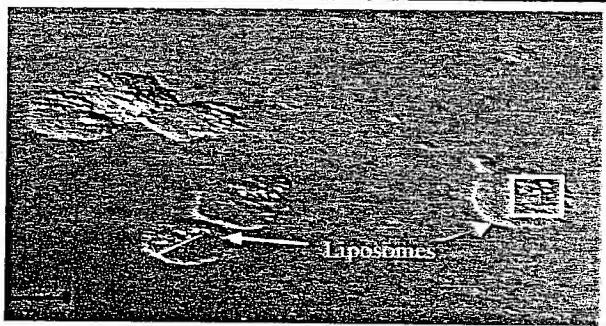


FIG 17D

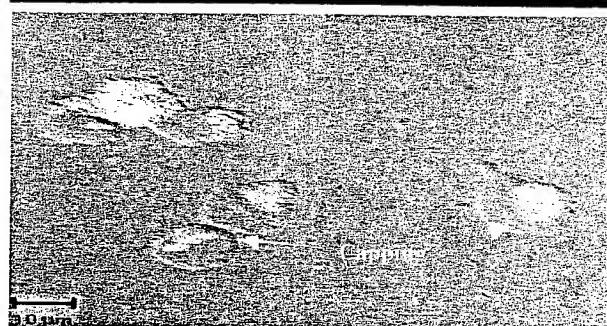


Fig 18A



Fig 18B



Fig 18C

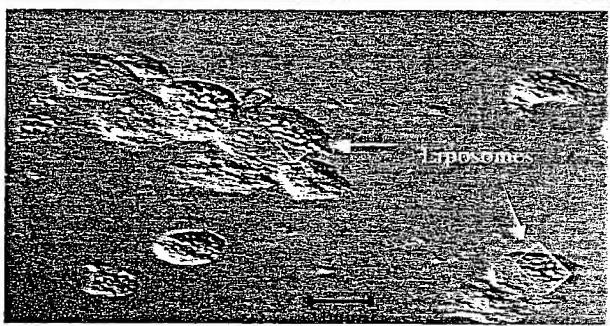
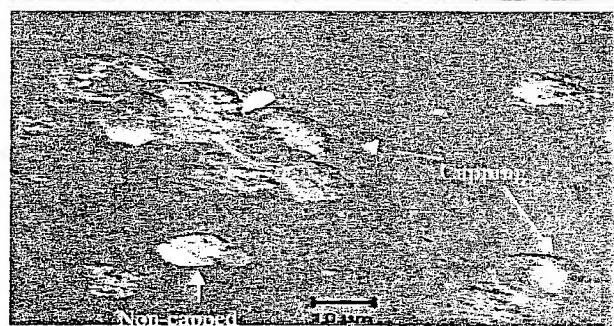


Fig. 180



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FIG. 19A.

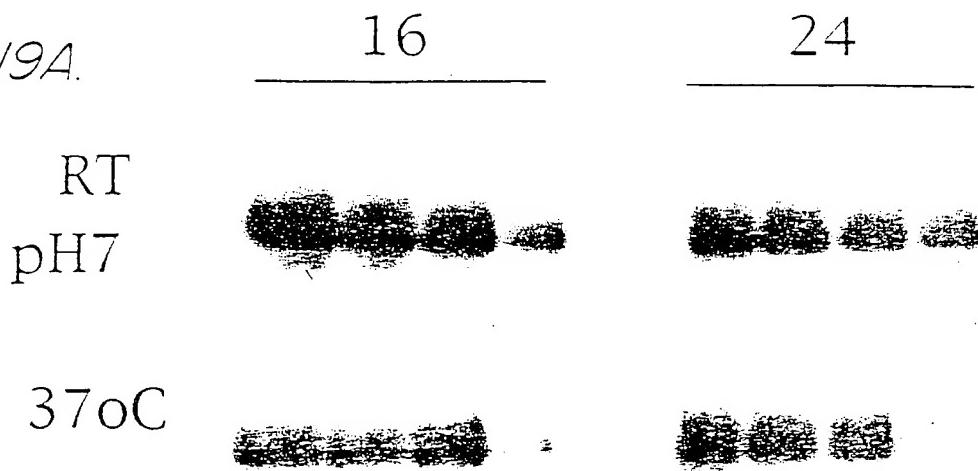


FIG. 19B.

200 20 2 0.1x 200 20 2 0.1x

FIG. 19C.

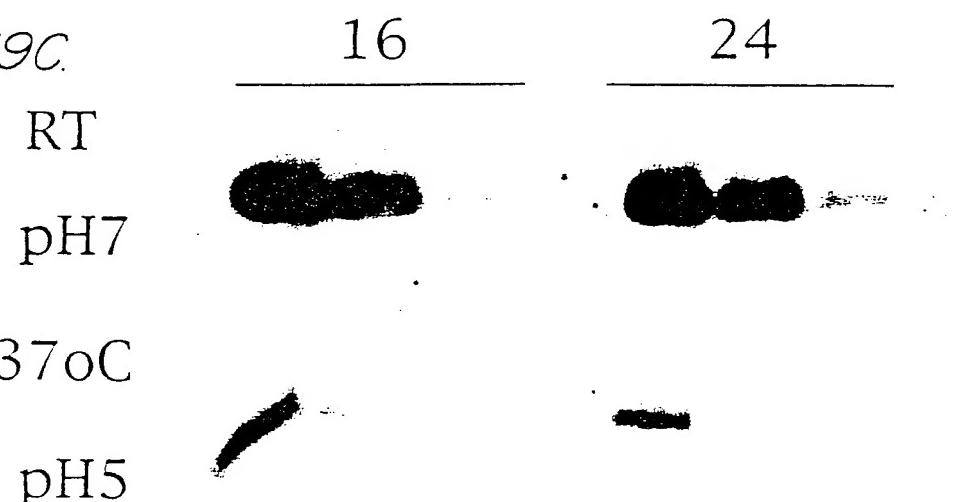


FIG. 19D.

70 10 1x 70 10 1x

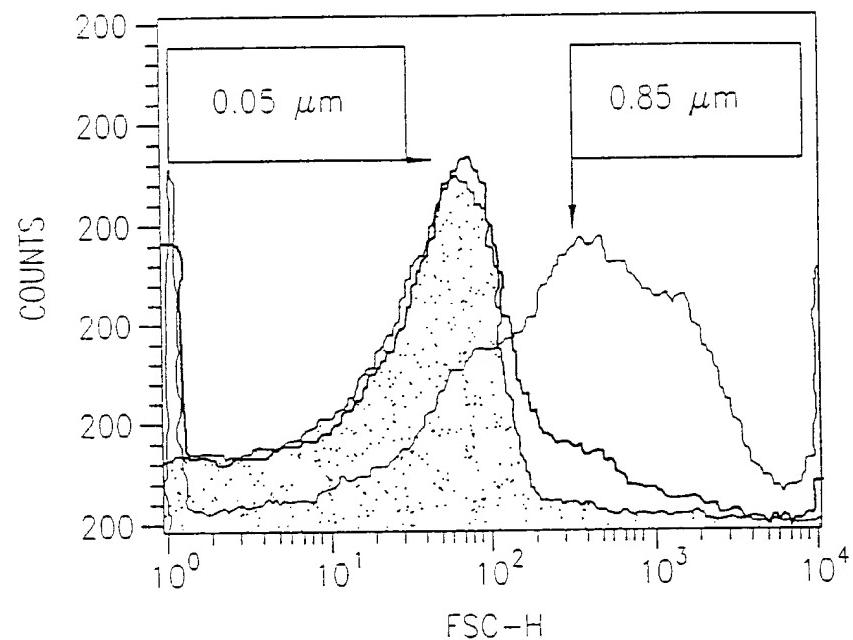


FIG. 20

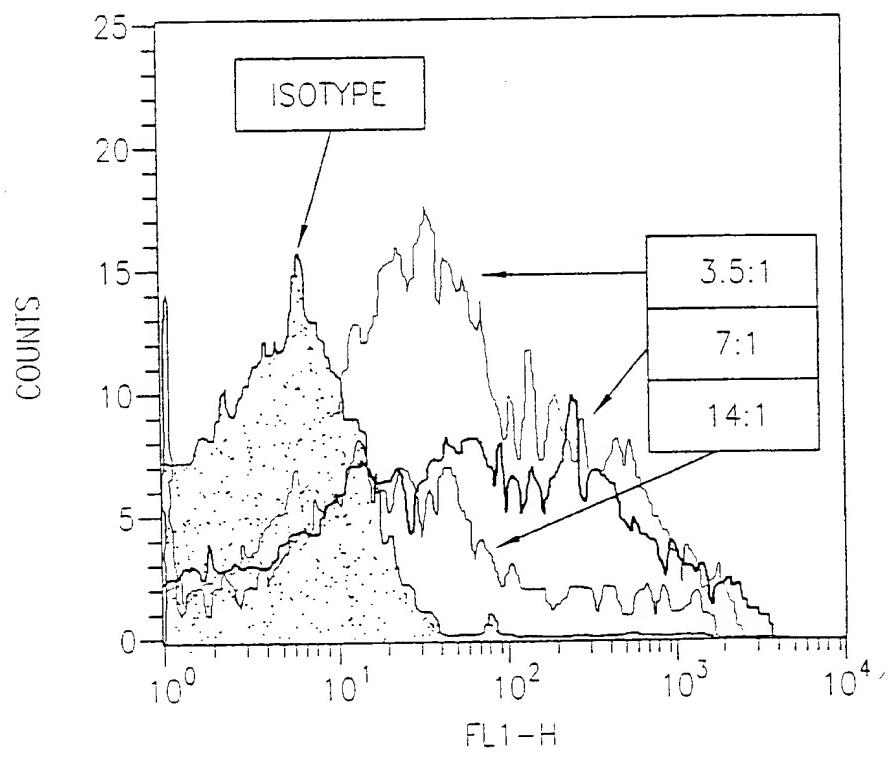


FIG. 21

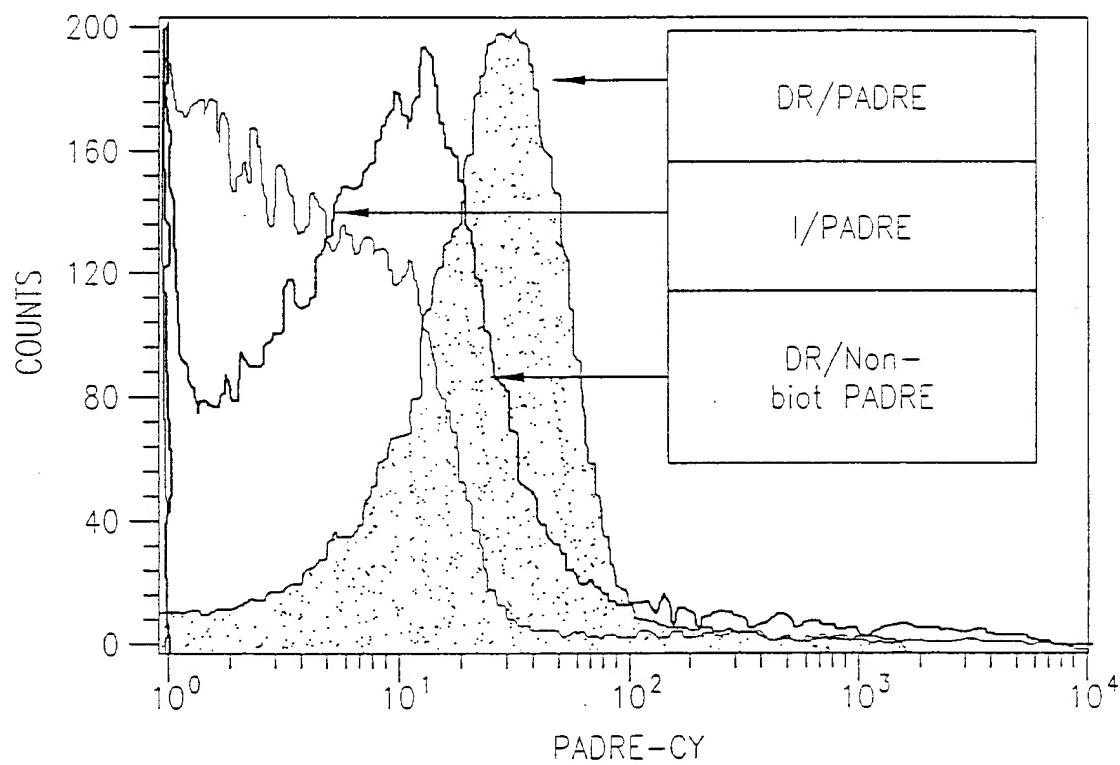


FIG. 22

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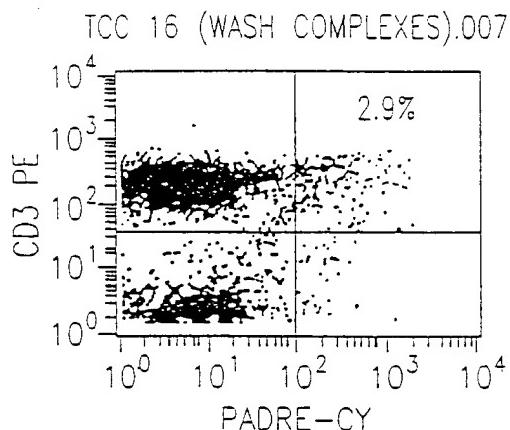


FIG. 23A

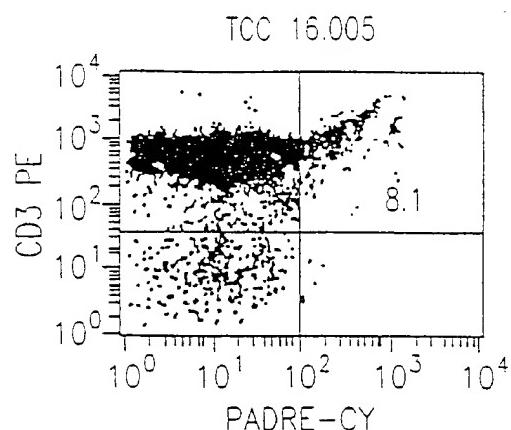


FIG. 23B

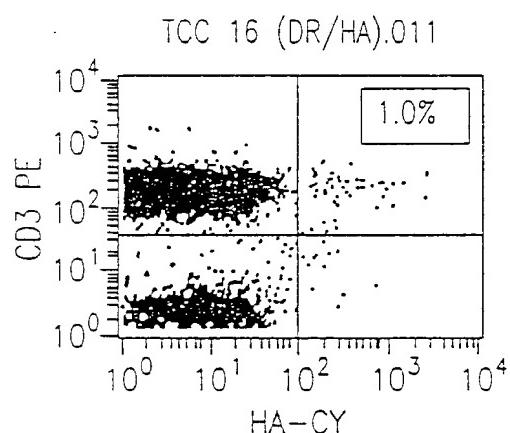


FIG. 23C

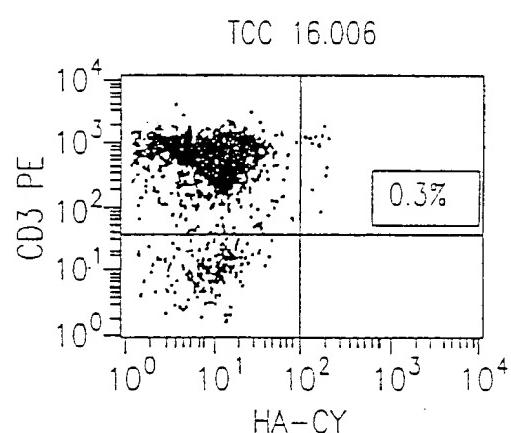


FIG. 23D

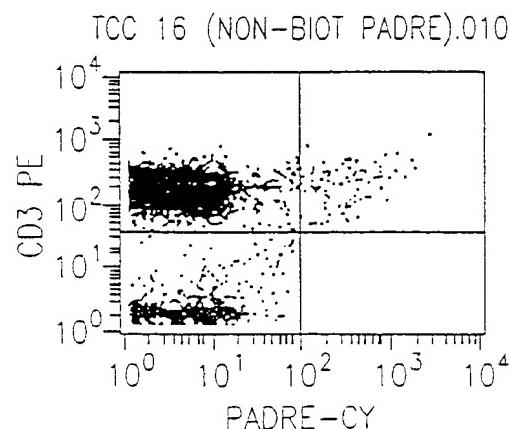


FIG. 23E

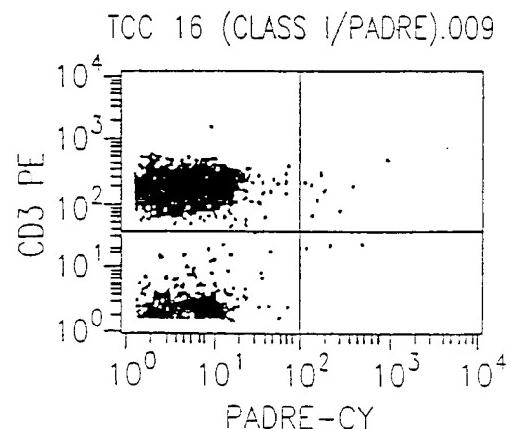


FIG. 23F

T02ETT-E869526.0

200707060936260

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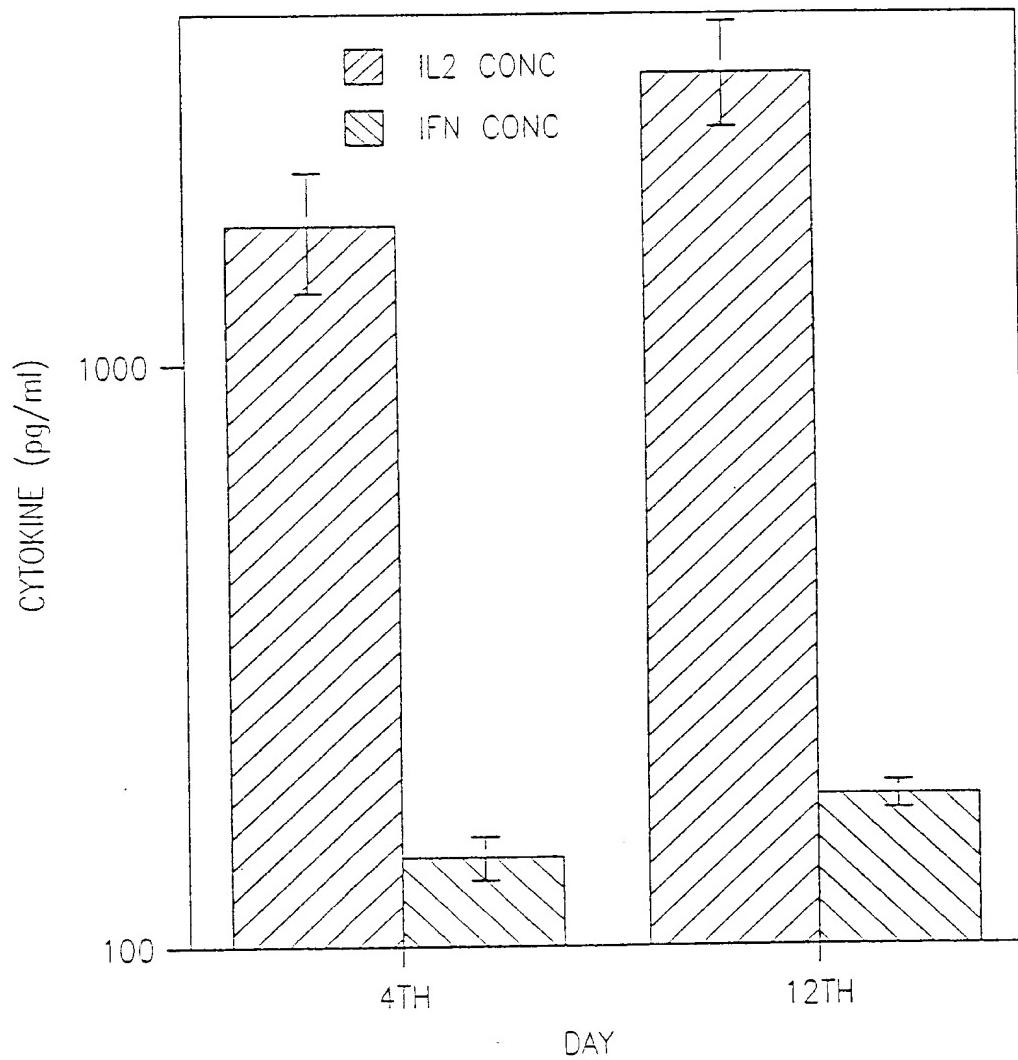


FIG. 24

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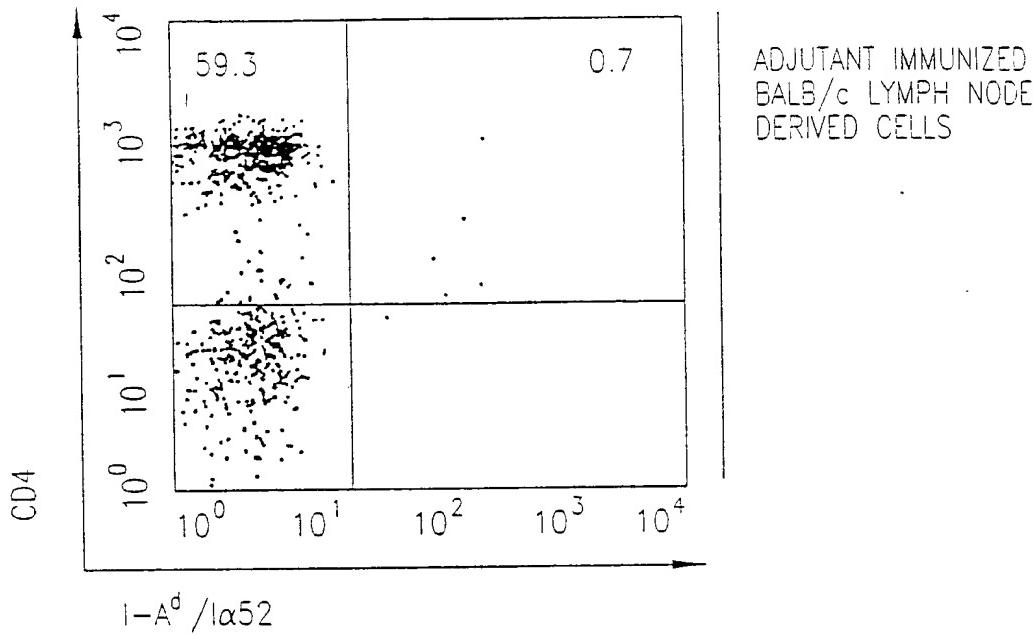


FIG. 25A

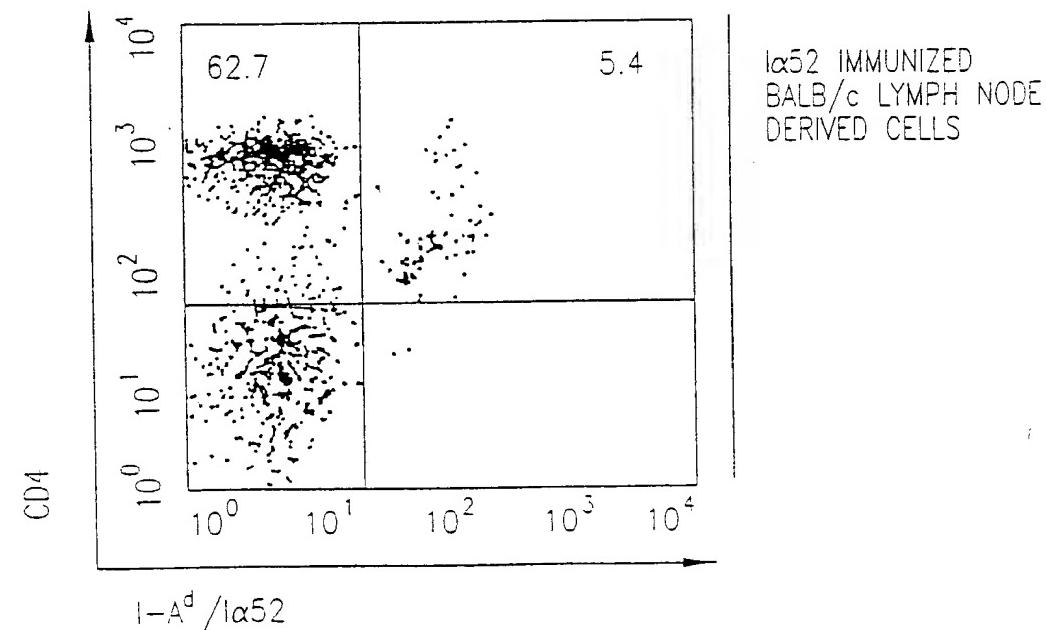


FIG. 25B

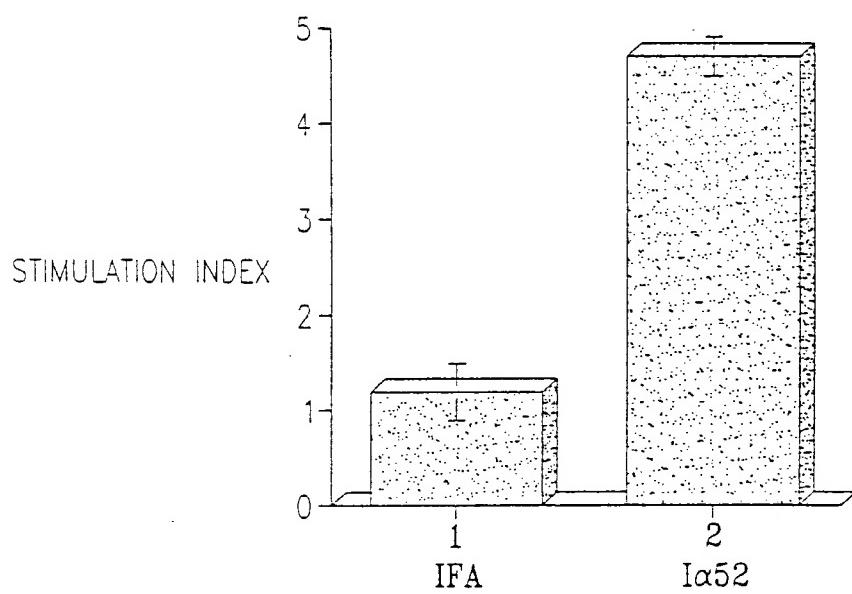


FIG. 26

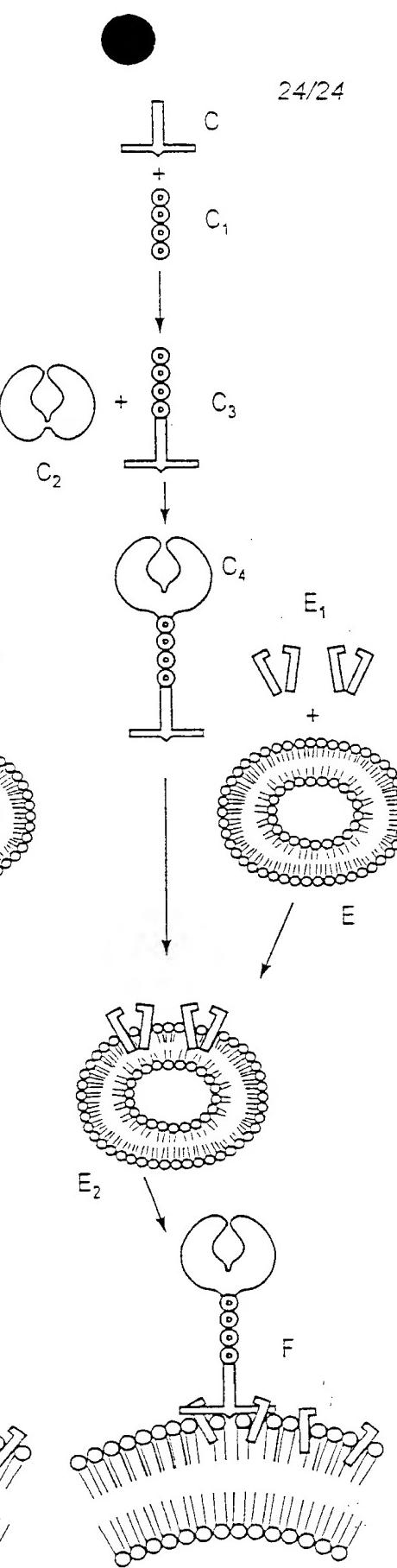
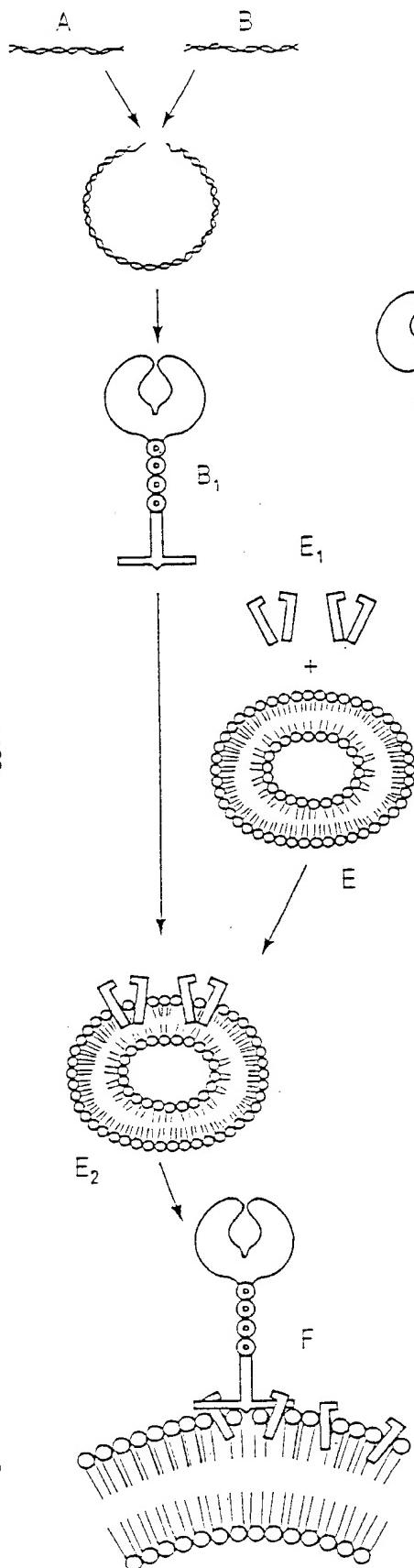
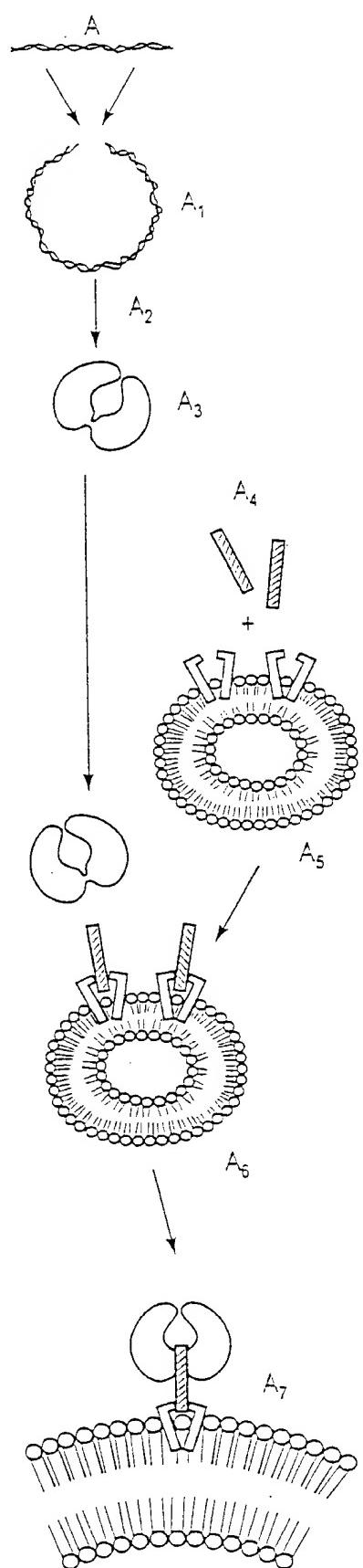


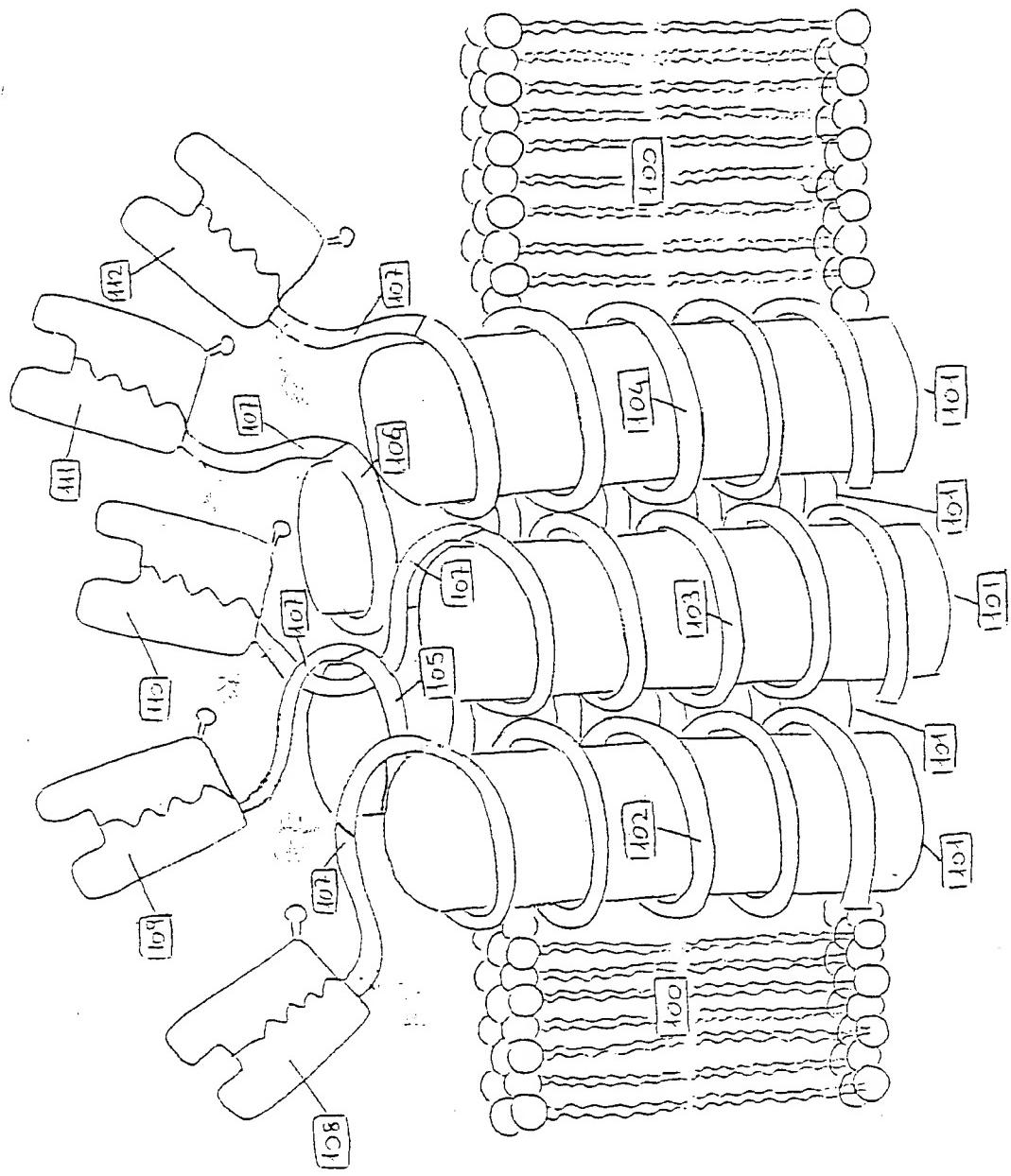
FIG. 27A

FIG. 27B

FIG. 27C

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Fig 28



B7.1-CTB construct translation DNA-PROTEIN

M G H T R R Q G T S P S K C P Y L N F F  
atg ggc cac aca cgg agg caG gga aca tca cca tcc aag tgg cca tac ctc aat tcc tcc  
Q L L V L A G L S H F C S G V I H V T K  
cag ccc ttt gtg ctg gct ggt ttG ttt cac ttc tgg tca ggt gtt atc cac gtt acc aag  
E V K E V A T L S C G H N V S V E E L A  
gaa gtc aaa gaa gtc gca acg cgg tcc tgg ctc aat gtc ttt gtt gaa gag ctg gca  
Q T R I Y W Q K E K K M V L T M M S G D  
caa act cgc atc tac tgg caa aag gag aag aaa atg gtc ctg act atg atg ttt ggg gac  
M N I W P E Y K N R T I F D I T N N L S  
atg aat ata tgg ccc gag tcc aag aac cgg acc atc ttt gat atc act aat aac ctc tcc  
I V I L A L R P S D E G T Y E C V V L K  
att gtc acc ctg gct ctg cgc cca ttt gac gag ggc aca tac gag tgg gtt gtt ctg aag  
Y E K D A F K R E H I A E V T L S V K A  
tat gaa aaa gac gct tcc aag cgg gaa cac ctg gct gaa gtc aac tta tca gtc aaa gct  
D F P T P S I S D F E I P T S N I R R I  
gac ttt cct aca cct agt ata ttt gac ttt gaa att cca act ttt aat att aga agg ata  
I C S T S G G P E P H L S W L E N G E  
att tgc tca acc ttt gga ggt ttt cca gag ctt cac ctc tcc tgg ttt gaa aat gga gaa  
E L N A I N T T V S Q D P E T E L Y A V  
gaa tca aat gcc atc aac aca aca gtt tcc caa gat cct gaa act gag ctc tat gct gtt  
S E F G G S G G S A T P Q N I T D L C  
ago gaa ttc ggc ggc tcc ggt agc gcc aca cct caa aat att act gat ttt tgg tgg  
A E Y H N T Q I H T L N D K I F S Y T E  
gca gaa tac cac aac aca caa ata cat acg cta aat gat aag ata ttt tcg tat ada gaa  
S L A G K R E M A I I T F K N G A T F Q  
ttt cta ggt gga aaa aga gag atg gct atc att act ttt aag aat ggt gca act ttt caa  
V E V P G S Q H I D S Q K K A I E R M K  
gta gaa gta cta ggt agt caa cat ata gat tca caa aaa aaa ggg att gaa agg atg aag  
D T L R I A Y L T E A K V E K L C V W N  
gat acc ctc agg att gca tat ctt act gaa gct aaa gtc gaa aag tta tgg gta tgg aat  
N K T P H A I A A I S M A N \*  
aat aaa acg cct cat gcg att gcc gca att agt atg gca aat taa

Fig 29

B7.2-CTB construct translation DNA-PROTEIN

M G L S N I L F V M A F L L S G A A P L  
atg gga ctg agt aac att ctc ttt gtg atg gcc ttc ctg ctc tct ggt gct gct cct ctg  
K I Q A Y F N E T A D L P C Q F A N S Q  
aag att caa gct tat ttc aat gag act gca gac ctg cca tgc caa ttt gca aac tct caa  
N Q S L S E L V V F W Q D Q E N L V L N  
aac caa agc ctg agt gag cta gta ttt tgg cag gac cag gaa aac ttg gtt ctg aat  
E V Y L G K E K F D S V H S K Y M G R T  
gag gta tac tta ggc aaa gag aaa ttt gac agt gtt cat tcc aag tat atg ggc cgc aca  
S F D S D S W T L R L H N L Q I K D K G  
agt ttt gat tcg gac agt tgg acc ctg aga ctt cac aat ctt cag atc aag gac aag ggc  
L Y Q C I I H H K K P T G M I R I H Q M  
ttg tat caa tgt atc atc cat cac aaa aag ccc aca gga atg att cgc atc cac cag atg  
N S E L S V L A N F S Q P E I V P I S N  
aat tct gaa ctg tca gtg ctt gct aac ttc agt caa cct gaa ata gta cca att tct aat  
I T E N V Y I N L T C S S I H G Y P E P  
ata aca gaa aat gtg tac ata aat ttg acc tgc tca tct ata cac ggt tac cca gaa cct  
K K M S V L L R T K N S T I E Y D G I M  
aag aag atg agt gtt ttg cta aga acc aag aat tca act atc gag tat gat ggt att atg  
Q K S Q D N V T E L Y D V S I S L S V S  
cag aaa tct caa gat aat gtc aca gaa ctg tac gac gtt tcc atc agc ttg tct gtt tca  
F P D V T S N M T I F C I L E T D K T R  
ttc cct gat gtt acg agc aat atg acc atc ttc tgt att ctg gaa act gac aag acg cgg  
L L S S P F S I E L E D P Q P P D H E  
ctt tta tct tca cct ttc tct ata gag ctt gag gac cct cag cct ccc cca gac cac gaa  
F G G S G G S A T P Q N I T D L C A E  
ttc ggc ggc tcc ggt ggt agc gcc aca cct caa aat att act gat ttg tgt gca gaa  
Y H N T Q I H T L N D K I F S Y T E S L  
tat cac aac aca caa ata cat acg cta aat gat aag ata ttt tgc tat aca gaa tct cta  
A G K R E M A I I T F K N G A T F Q V E  
gct gga aaa aga gag atg gct atc att act ttt aag aat ggt gca act ttt caa gta gaa  
V P G S Q H I D S Q K K A I E R M K D T  
gta cca ggt agt caa cat ata gat tca caa aaa aaa gcg att gaa agg atg aag gat acc  
L R I A Y L T E A K V E K L C V W N N K  
ctg agg att gca tat ctt act gaa gct aaa gtc gaa aag tta tgt gta tgg aat aat aaa  
T P H A I A A I S M A N \*  
acg cct cat gcg att gcc gca att agt atg gca aat taa

Fig 30

DRA1-CTB construct translation PROTEIN-DNA

M A I S G V P V L G F F I I A V L M S A  
 ATG GCC ATA AGT GGA GTC CCT GTG CTA GGA TTT TTC ATC ATA GCT GTG CTG ATG AGC GCT  
 Q E S W A I K E E H V I I Q A E F Y L N  
 CAG GAA TCA TGG GCT ATC AAA GAA GAA CAT GTG ATC ATC CAG GCC GAG TTC TAT CTG ATT  
 P D Q S G E F M F D F D G D E I F H V D  
 CCT GAC CAA TCA GGC GAG TTT ATG TTT GAC TTT GAT GGT GAT GAG ATT TTC CAT GTG GAT  
 M A K K E T V W R L E E F G R F A S F E  
 ATG GCA AAG AAG GAG ACG GTC TGG CGG CTT GAA GAA TTT GCA CGA TTT GCC AGC TTT GAG  
 A Q G A L A N I A V D K A N L E I M T K  
 GCT CAA GGT GCA TTG GCC AAC ATA GCT GTG GAC AAA GCC AAC CTG GAA ATC ATG ACA AAG  
 R S N Y T P I T N V P P E V T V L T N S  
 CGC TCC AAC TAT ACT CCG ATC ACC AAT GTA CCT CCA GAG GTA ACT GTG CTC ACG AAC AGC  
 P V E L R E P N V L I C F I D K F T P P  
 CCT GTG GAA CTG AGA GAG CCC AAC GTC CTC ATC TGT TTC ATC GAC AAG TTC ACC CCA CGA  
 V V N V T W L R N G K P V T T G V S E T  
 GTG GTC AAT GTC ACG TGG CTT CGA AAT GGA AAA CCT GTC ACC ACA GGA GTG TCA GAG ACA  
 V F L P R E D H L F R K F H Y L P F L P  
 GTC TTC CTG CCC AGG GAA GAC CAC CTT TTC CGC AAG TTC CAC TAT CTC CCC TTC CTG CCC  
 S T E D V Y D C R V E H W G L D E P L L  
 TCA ACT GAG GAC GTT TAC GAC TGC AGG GTG GAG CAC TGG GGC TTG GAT GAG CCT CTT CTC  
 K H W E F D A P S P L P E T T E E F G G  
 AAG CAC TGG GAG TTT GAT GCT CCA AGC CCT CTC CCA GAG ACT ACA GAG GAA TTC GGT GGT  
 S G G S A Q L E W E L Q A L E K E N A Q  
TCC GGT TCC GCG CAG CTG GAA TGG GAA CTG CAG GCG CTG GAA AAA GAA AAC GCG CAG  
 L E W E L Q A L E K E L A Q G G S G G S  
CTG GAA TGG GAA CTG CAG GCG CTG GAA AAA GAA CTG GCG CAG GGC GGC TCC GGT GGT AGC  
 A T P Q N I T D I C A E Y H N T Q I H  
GCC ACA CCT CAA AAT ATT ACT GAT TTG TGT GCA GAA TAC CAC AAC ACA CAA ATA CAT  
 T L N D K I F S Y T E S L A G K R E M A  
 ACG CTA AAT GAT AAG ATA TTT TCG TAT ACA GAA TCT CTA GCT GGA AAA AGA GAG ATG GCT  
 I I T F K N G A T F Q V E V P G S Q H I  
 ATC ATT ACT TTT AAG AAT GGT GCA ACT TTT CAA GTA GAA GTA CCA GGT AGT CAA CAT ATA  
 D S Q K K A I E R M K D T L R I A Y L T  
 GAT TCA CAA AAA AAA GCG ATT GAA AGG ATG AAG GAT ACC CTG AGG ATT GCA TAT CTT ACT  
 E A K V E K L C V W N N K T P H A I A A  
 GAA GCT AAA GTC GAA AAG TTA TGT GCA TGG AAT AAT AAA ACG CCT CAT GCG ATT GCC GCA  
 I S M A N \*  
 ATT ACT ATG GCA AAT TAA

Fig 31

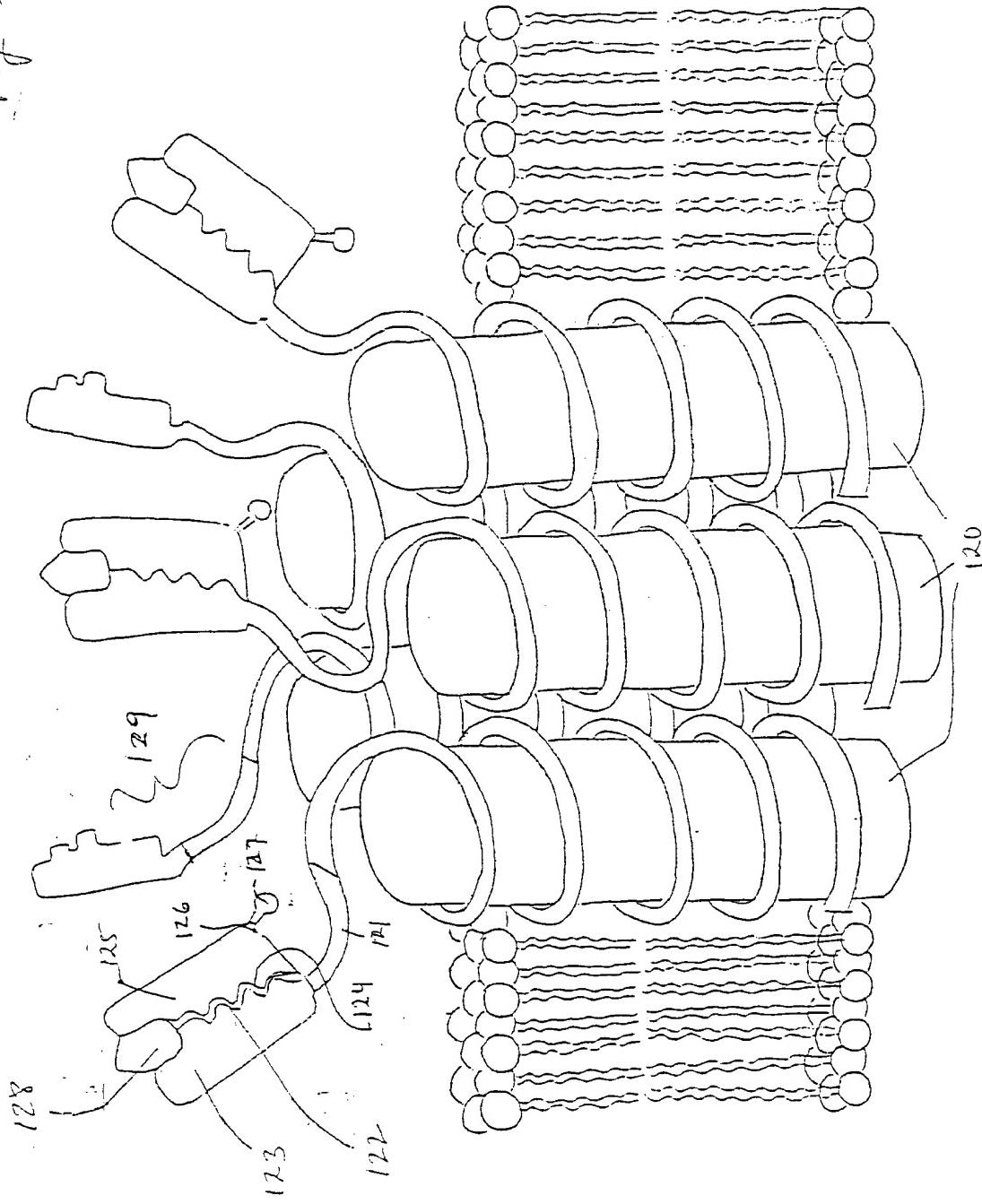
## DRB1-biotag construct translation PROTEIN-DNA

1/1 31/11  
 M V C L K F P G G S C M A A L T V T L M  
 ATG GTG TGT CTG AAG TTC CCT GGA GGC TCC TGC ATG GCA GCT CTG ACA GTG ACA CTG ATG  
 61/21 91/31  
 V L S S P L A L A G D T R P R F L E Q V  
 GTG CTG AGC TCC CCA CTG GCT TTG GCT GGG GAC ACC CGA CCA CGT TTC TTG GAG CAG GTT  
 111/41 151/51  
 K H E C H F F N G T E R V R F L D R Y F  
 AAA CAT GAG TGT CAT TTC AAC GGG ACG GAG CGG GTG CGG TTC CTG GAC AGA TAC TTC  
 181/61 211/71  
 Y H Q E E Y V R F D S D V G E Y R A V T  
 TAT CAC CAA GAG GAG TAC GTG CGC TTC GAC AGC GAC GTG GGG GAG TAC CGG GCG GTG ACG  
 241/81 271/91  
 E L G R P D A E Y W N S Q K D L L E Q K  
 GAG CTG GGG CGG CCT GAT GCC GAG TAC TGG AAC AGC CAG AAG GAC CTC CTG GAG CAG AAG  
 301/101 331/111  
 R A A V D T Y C R H N Y G V G E S F T V  
 CGG GCC GCG GTG GAC ACC TAC TGC AGA CAC AAC TAC GGG GTT GGT GAG AGC TTC ACA GTG  
 361/121 391/131  
 Q R R V Y P E V T V Y P A K T Q P L Q H  
 CAG CGG CGA GTC TAT CCT GAG GTG ACT GTG TAT CCT GCA AAG ACC CAG CCC CTG CAG CAC  
 421/141 451/151  
 H N L L V C S V N G F Y P G S I E V R W  
 CAC AAC CTC CTG GTC TGC TCT GTG AAT GGT TTC TAT CCA GGC AGC ATT GAA GTC AGG TGG  
 481/161 511/171  
 F R N G Q E E K T G V V S T G L I Q N G  
 TTC CGG AAC GGC CAG GAA GAG AAG ACT GGG GTG GTG TCC ACA GGC CTG ATC CAG AAT GGA  
 541/181 571/191  
 D W T F Q T L V M L E T V P R S G E V Y  
 GAC TGG ACC TTC CAG ACC CTG GTG ATG CTG GAA ACA GTT CCT CGG AGT GGA GAG GTT TAC  
 601/201 631/211  
 T C Q V E H P S L T S P L T V E W R A R  
 ACC TGC CAA GTG GAG CAC CCA AGC CTG ACG AGC CCT CTC ACA GTG GAA TGG AGA GCA CGG  
 661/221 691/231  
 S E S A Q S K G G S G G S A Q L K K K L  
 TCT GAA TCT GCA CAG AGC AAG GGC GGC TCC GGT GGT AGC GCC CAG CTG AAG AAG AAA CTC  
 721/241 751/251  
 Q A L K K K N A Q L K Q K L Q A L K K K  
 CAG GCT CTG AAA AAA AAG AAT GCC CAG CTC AAG CAG AAG CTG CAG GCC CTG AAG AAA AAG  
 781/261 811/271  
 L A Q G S G G S A G G G L N D I F E A Q  
 CTG GCT CAG GGT TCC GGT GGT TCC GCG GGT GGT TTG AAC GAC ATC TTC GAA GCT CAG  
 841/281  
 K I E W H \* \*  
 AAA ATC GAA TGG CAC TAA TAA

Fig 32

Fig 33

Fig 33

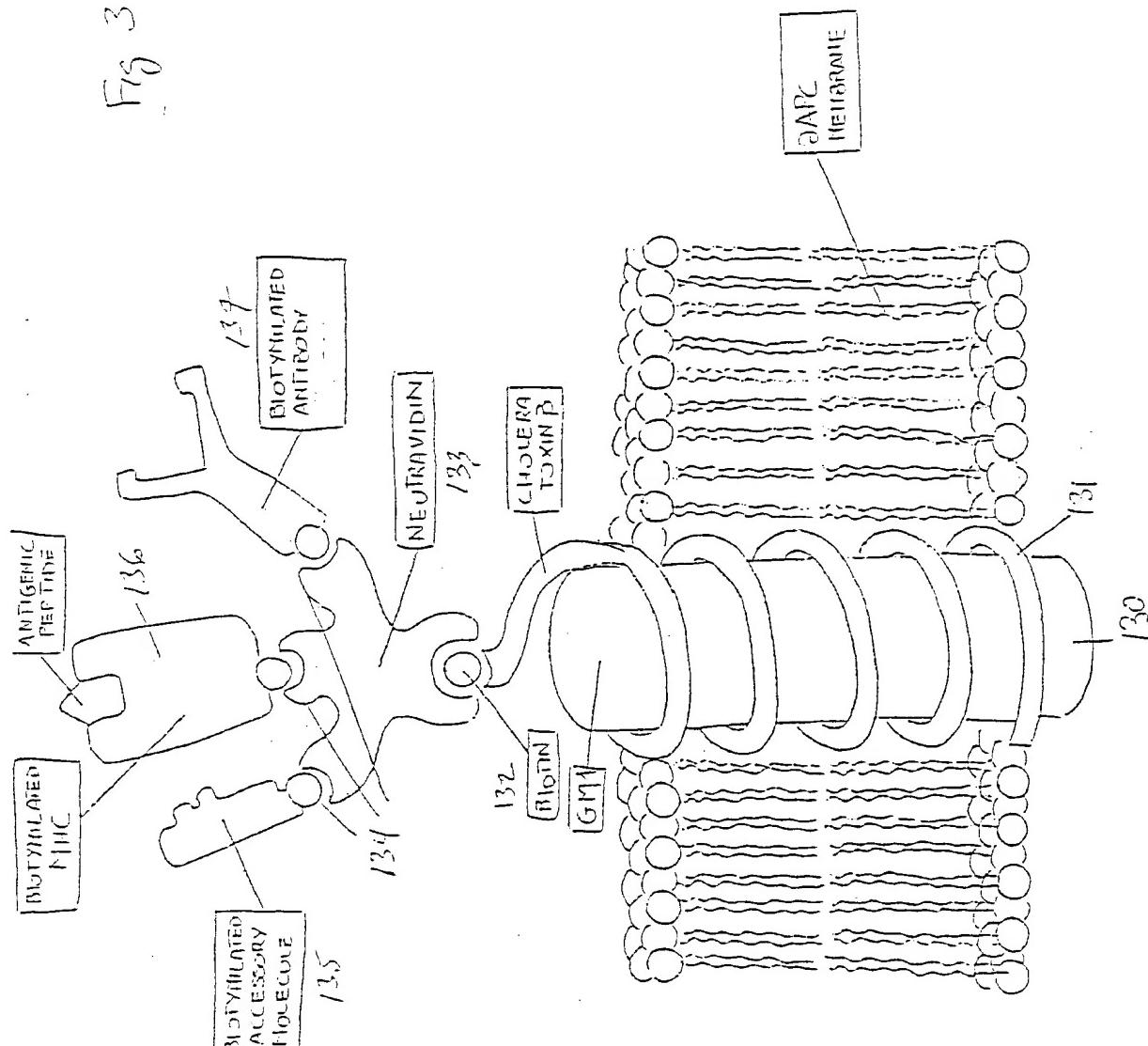


TRANSPORT IN SECRETORY GLANDS

Fig 34

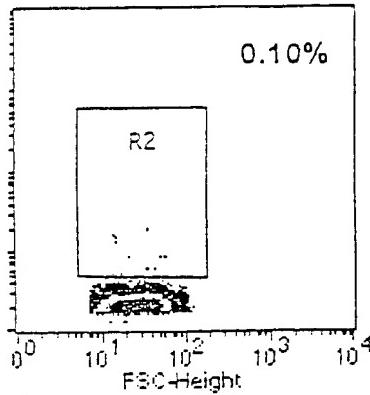


Fig 34



06/23/98

LIPOSOME-GM1



LIPOSOME-GM1+CTB FITC

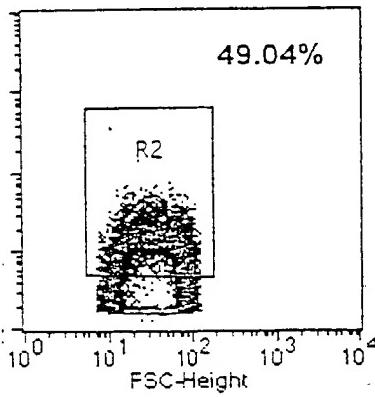


Fig 35

09/26/98 4:44pm

Name	Parameter	Gate	p MOLES CTB FITC	GEO MEAN	%GATED M2
lip.001	FL1-H	G1	CONTROL-0	2.32	8.1
lip.002	FL1-H	G1	25pMOLES	2.25	6.1
lip.003	FL1-H	G1	50 pMOLES	3.17	27.2
lip.004	FL1-H	G1	100pMOLES	2.78	20.4
lip.005	FL1-H	G1	200pMOLES	3.07	27.5
lip.006	FL1-H	G1	400pMOLES	3.52	40.4
lip.007	FL1-H	G1	800pMOLES	5.59	73.0
lip.008	FL1-H	G1	2000pMOLES	7.57	82.4
lip.009	FL1-H	G1	5000pMOLES	20.82	97.1

Fig 36

003756933

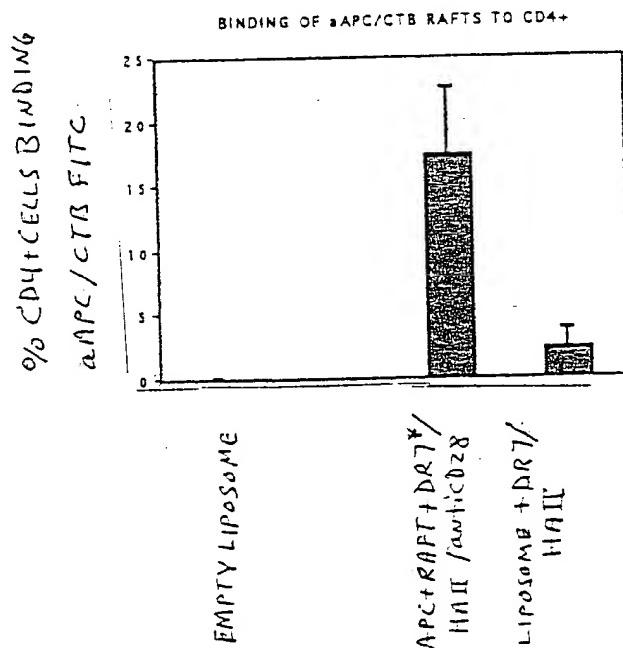


Fig 37

Fig 38 A

CELLS+aAPC+RAFT (DR7<sup>+</sup>/HAI)

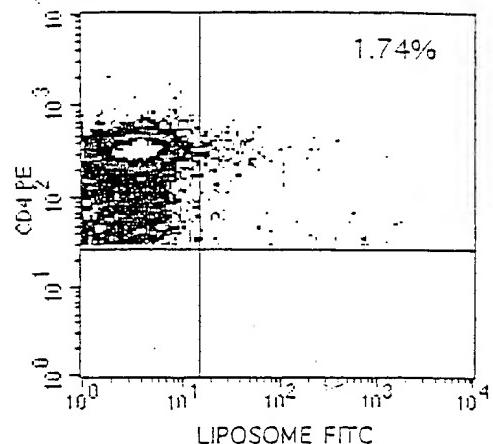


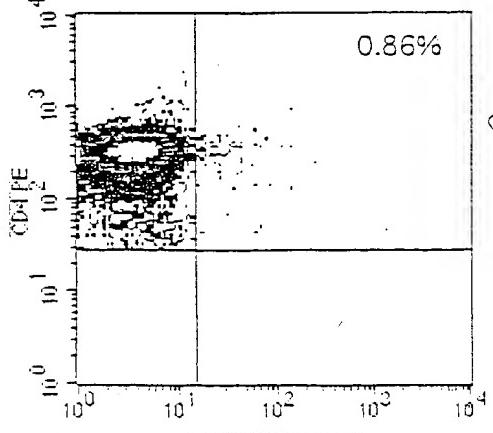
Fig  
38 A

A

LIPOSOME FITC

Fig 38 B

CELLS+aAPC (DR7/HAI)



B

LIPOSOME FITC

Fig 39 A

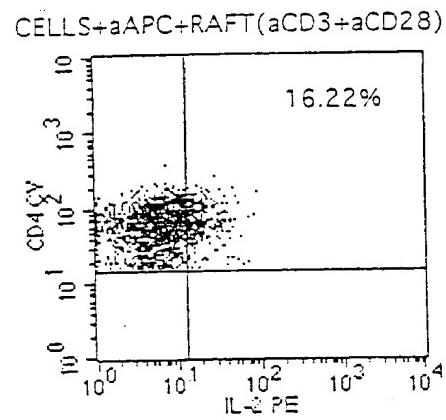
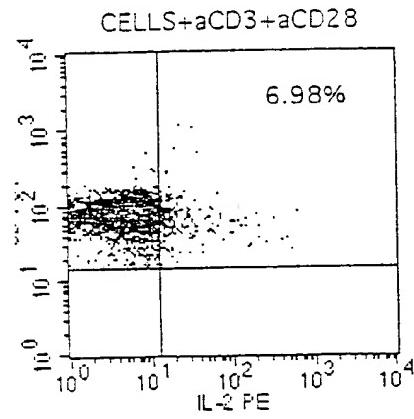


Fig 39 B

Fig 40 Fig 41

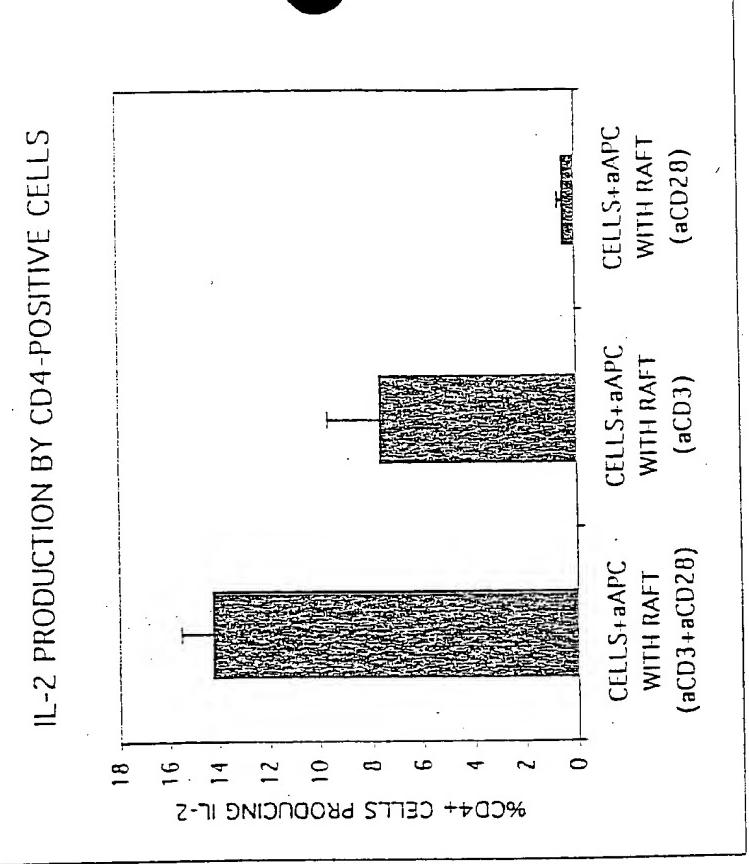
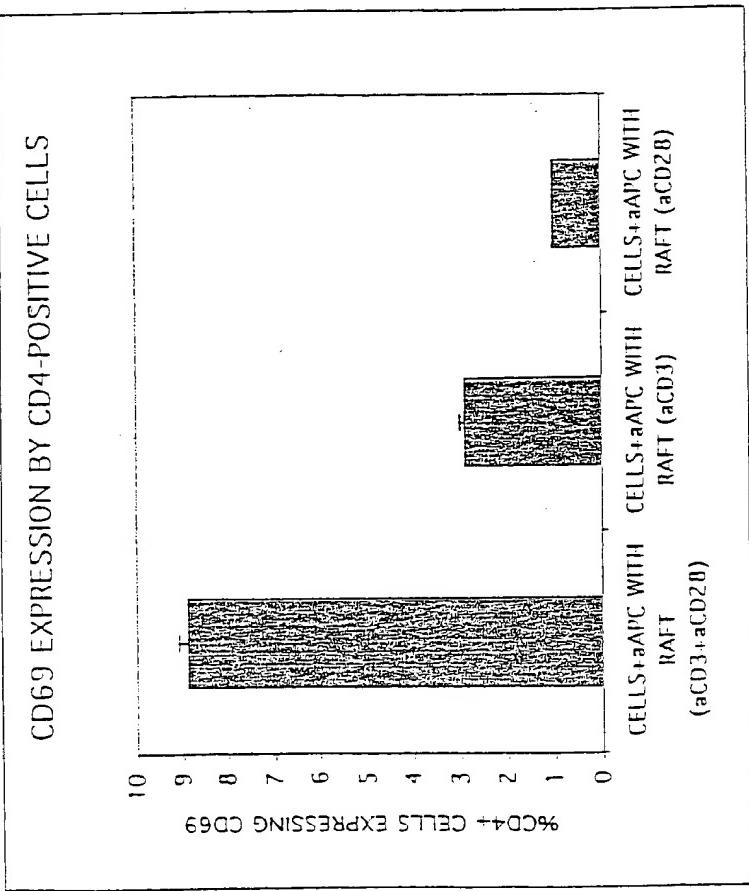


Fig 40

Fig 41

70 60 50 40 30

### CD69 EXPRESSION BY CD4-POSITIVE CELLS

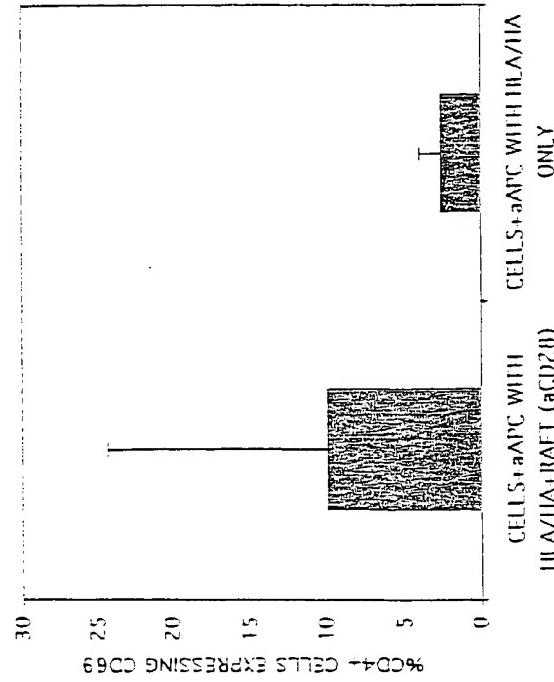


Fig 42

### IL-2 PRODUCTION BY CD4-POSITIVE CELLS

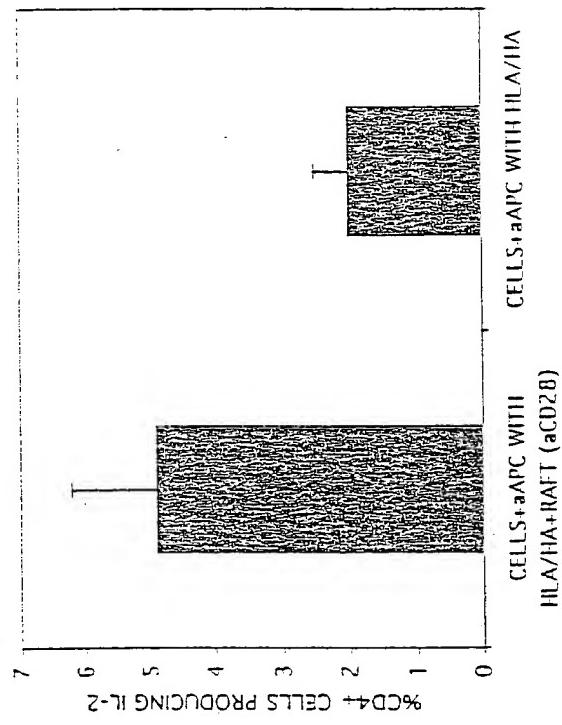


Fig 43